

# **BRIHANMUMBAI MUNICIPAL CORPORATION**

**CHIEF ENGINEER'S DEPARTMENT  
(M&E)**



**VOLUME-I**

**UNIFIED SCHEDULE OF RATES**

**FOR**

**MECHANICAL AND ELECTRICAL**

**Department**

**2023**

**SALIENT FEATURES**

**OF**

**SOR**

**FOR M & E WORKS**

## **SALIENT FEATURES OF SOR FOR M & E WORKS**

### **PREAMBLE :**

- I. The work of electrification shall be carried out after the layout is finalized and as per the instructions given from time to time by site Engineer. The electrical installation shall be as per the Indian standard codes and in conformity with Indian Electricity Rules 1956, as amended up to date, and also the relevant regulations of licensee.
- II. Contractors shall have to adhere to the Electrical specifications, general requirement as specified in CD / Fair Market Schedule in force.
- III. The scope of electrification work will include providing labour, material, transport, insurance security, clearing of site, handing over and one year free maintenance of the work from the date of commissioning. The material used shall be new and of category makes specified or approved. Any work where, specifications are not clear, relevant provision in I.S. or Indian Elect. Rules shall be followed. Engineer's decision and direction in such cases shall be final.
- IV. The registered contractor shall purchase the copy of Electrical Schedule and produce copy of the receipt whenever demanded.
- V. All the conditions in this section shall be applicable wherever such conditions are not specified in the tender. In case of dispute tender conditions / GCC will supersede.

### **FOR AIR CONDITIONING WORK: -**

The work of Air conditioning work shall comprises of Supply, Installation, Testing and Commissioning including providing labour, material, transport, insurance security, site clearing & associated works like unit to unit wiring, plumbing, masonry & carpentry, boxing to cover refrigerant piping, providing MS frame / enclosure, weather shed etc & optional accessories.

Handing over the installation after giving satisfactory test and trial to the user department for the purpose of providing and maintaining of design inside air temperature, humidity, purity for the use of occupancy of the space.

### LIST OF I. S. CODES :

The relevant I.S. standards are listed below. The latest revision or recently amended I.S. Standards shall be followed for execution of any work.

i)	I.S.5578	Marking arrangement for switch gear boards.
ii)	I.S.694	PVC Insulated Cables and cords for Power & Lighting.
iii)	I.S.732	Electrical Wiring Installation (upto 650 Volts).
iv)	I.S. 13703	Low voltage fuse for voltage not exceeding 1000 V AC
v)	I.S. 2551	Code of practice of danger notice boards/plates
vi)	I.S. 2309	Code of practice for lightening protection
vii)	I.S. 13118	A.C. circuit breakers.
viii)	I.S. 2667	Fittings for rigid steel conduits for electrical wiring.
ix)	I.S. 2675	Enclosed distribution fuse boards and cut-outs for voltage upto 1000 volts
x)	I.S. 2705	Current Transformers.
xi)	I.S. 3043	Code of practice for earthing.
xii)	I.S. 3427	Metal enclosed switch gear and control gear.
xiii)	I.S. 5133	(Part – I) Sheet steel boxes.
xiv)	I.S. 5216	Guide for safety procedure and practices in electric work.
xv)	I.S. 6949	Summation current Transformer.
xvi)	I.S. 6946	Pliable (Flexible) non-metallic conduits for electrical installation.
xvii)	I.S. 1913	General and Safety requirements for electrical light fittings/ luminaries
xviii)	I.S. 8130	Copper conductors in insulated Cable and cords. ETD-9.
xix)	I.S. 5578	Guide for marking of insulated conductors.
xx)	I.S. 3010	Part I - Appliances connectors.
xxi)	I.S. 3010	Part II – Appliance inlets.
xxii)	I.S. 2268	Electrical call bells and buzzers for indoor use.
xxiii)	I.S. 3412	Electrical water boilers.
xxiv)	I.S. 302	Method of measurements of Audio Amplifier. (Third revision) electrical appliances General and safety requirements.
xxv)	I.S. 2082	Storage type electric water heaters.
xxvi)	I.S. 374	Fans and Regulators ceiling type electric
xxvii)	I.S. 1258	Bayonet Lamp holders (first edition).
xxviii)	I.S. 2086	Carriers and bases used in rewirable type electric fuses upto 650 Volts (Revised).
xxix)	I.S. 4649	Specifications for adapters for flexible steel conduits
xxx)	I.S. 3419	Fittings for rigid non-metallic conduits.
xxxi)	I.S. 3480	Flexible steel conduits for electrical wiring.
xxxii)	I.S. 4160	Interlocking switch socket outlets.
xxxiii)	I.S. 2412	Link clips for electrical wiring.
xxxiv)	I.S. 9537	Rigid plain conduits of insulation material for electrical installation Part-III
xxxv)	I.S. 3837	Rigid steel conduits for electrical wiring accessories.
xxxvi)	I.S. 4615	Switch socket outlets (without interlocking).
xxxvii)	I.S. 3854	Switches for domestic and similar purposes.
xxxviii)	I.S. 1293	Three pin plugs and socket outlets.
xxxix)	I.S. 325	Three phase induction motor.
xl)	I.S. 9974	High pressure sodium vapour lamps (Part I & II).
xli)	I.S. 9900	High-pressure mercury vapour lamps.
xlII)	I.S. 1169	Electrical pedestal type fans and regulators.
xlIII)	I.S. 9542	Mono block pump set.
xlIV)	I.S. 1554	PVC insulated heavy-duty cables.
xlV)	I.S. 2713	Specifications for steel tubular poles. Part-II 1980
xlVI)	I.S. 10026	Insulating varnishes.

xlvi)	I.S. 2997	Air circulator type electric fans and regulators.
xlviii)	I.S. 11037	Electronic type fan regulators.
xlix)	I.S. 9079	Mono set pump set for clear water.
l)	I.S. 13947	General requirement for switch gear and control gear for low voltages not exceeding 1000 V.
li)	I.S. 8623	Specification for low voltage switch gear and control gear assemblies (Part I & II).
lii)	I.S. 10118	Code of practice for selection, installation and maintenance of switchgear and control gear.
liii)	I.S. 4029	Guide for testing three phase induction motors.
liv)	I.S. 12699	Code of practice for selection, installation, operation and maintenance of Jet Centrifugal Pump Combination.
lv)	I.S. 8418	Horizontal self priming centrifugal pump.
lvi)	I.S. 210	Grey Iron Castings.
lvii)	I.S. 7283	Specification for Hot rolled Bar for production of mechanical parts and general engineering purpose.
lviii)	I.S. 10001	Performance requirements for constant speed, compression ignition (diesel) engines for general purposes (up to 20 kW)
lix)	I.S. 10002	Performance, requirements for constant speed, compression, Ignition (Diesel) Engine and for general purpose (above 20 KW).
lx)	I.S. 4722	Rotating electrical machine.
lxi)	I.S. 2062	Structural Steel (Standard quality).
lxii)	I.S. 456	Code of practice for palinode reinforced concrete.
lxiii)	I.S. 10322	Luminaries for street lighting.
lxiv)	I.S. 2312	Ventilation fans, A.C.
lxv)	I.S. 1255	Code of practice for installation and maintenance of power cables upto and including 33 KV rating.
lxvi)	I.S. 8623	Part I – 1993 – Application for L.T.Cubical Control Panels.
lxvii)	I.S. 13947	Clearances between phases and between phase to earth.
lxviii)	I.S. 778	Specification for Copper alloy Gate, Globe and Check Valve for Waterworks Purpose
lxix)	I.S. 2800	Code of practice for construction and testing of Tubewells and borewells
lxx)	I.S. 8038	Submersible Pumpsets Specification
lxxi)	I.S.3938	Electric Wire Rope Hoists
lxxii)	I.S. 277	Galvanised Steel Sheets
lxxiii)	I.S. 325	Three Phase Induction Motors
lxxiv)	I.S. 655	Metal air ducts
lxxv)	I.S.659-1964	Safety code for Air conditioning.
lxxvi)	I.S. 996	Single Phase small A.C. and Universal Motors
lxxvii)	I.S. 1391	Specification for Room Air conditioners. (Second revision)
lxxviii)	I.S. 1391	Specification for Split Air conditioners (Second revision)
lxxix)	I.S. 4671	Specification for expanded polystyrene for thermal insulation purpose.
lxxx)	I.S. 5111	Testing of refrigerant compressors
lxxxii)	I.S. 5216	Code for safety procedure and practice in electrical works
lxxxii)	I.S. 7896	Data for outside design conditions for air conditioning for summer months.
lxxxiii)	I.S. 8148-1976	Packaged Air-conditioners
lxxxiv)	I.S. 8183	Specification for bonded glass wool/ mineral wool
lxxxv)	I.S. 10594	Thermostatic Expansion Valve
lxxxvi)	I.S. 10617	For Compressors.
lxxxvii)	I.S. 11338/85	For Thermostat.

## **GUIDELINES FOR USING UNIFIED SCHEDULE OF RATE OF M&E**

- i) All the materials shall be used as per list of approved make only. For the materials not included in the list prior approval of the make shall be taken.
- ii) Copper cables shall be used preferably for major hospitals, offices, Data centers, CFC etc.
- iii) Aluminum cables shall be used for schools, cemeteries, markets, quarters etc.
- iv) Copper earthing shall be used for data centers, precision machines of hospitals, major pumps etc.
- v) Energy efficient fittings shall be used.
- vi) Guidelines given in National Building Code

### **1.0 MV/LV BUSBAR TRUNKING /RISING MAINS**

Where heavy loads are to be carried, busbar systems are preferred. The busbars are available for continuous run from point to point or with tap offs at standard intervals and have to be chosen as per specific requirement. There are two types of MV/LV bus duct system for power distribution system:

- i) Conventional Type.
- ii) Compact and sandwich type.

Conventional type bus duct is used for large power handling between transformer and switchgear or between switchgear and large power loads, such as compressor drive motor etc. This type is generally used in plant rooms, riser shafts, substations etc.

Compact type is available either air insulated or sandwich type for use within areas of the building which are put to other higher (aesthetic) level of use. They could be used in false ceiling spaces.

The high load density in modern large buildings and high rise buildings demands compact and safe solution for the supply of power. The use of busbar trucking system is ideal for such applications.

The busbar trunking system reduces the combustible material near the area with high energy. The reliability of a bus trucking system is very high. These systems also require very little periodic maintenance.

### **2.0 POWER FACTOR**

It shall be mandatory to provide power factor improvement capacitor at the substation bus.

Power factor of individual motor may be improved by connecting individual capacitor banks in parallel. For higher range of motors, which are running continuously without much variation in load, individual power factor correction at load end is advisable.

### 3.0 HARMONICS AND 4 WIRE SYSTEM

Harmonics on the supply systems are becoming a greater problem due to the increasing use of electronic equipments, computer, fluorescent, mercury vapour and sodium vapour lighting, controlled rectifier and inverters for variable speed drives, power electronics and other non-linear loads. Harmonics may lead to almost as much current in the neutral as in the phases. This current is almost entirely third harmonic. Phase rectification devices may be considered for the limits of harmonic voltage distortion may be considered at the planning stage in such cases.

With the side spread use of thyristor and rectifier based loads there is necessity of providing a full size neutral; but this requirement is limited to the 3-phase 4-wire distribution generally in the 400/230 V system. As a result it is not desirable to use half-size neutral conductor, as possibility of neutral conductor overload due to harmonics is likely.

### 4.0 MV/LV BUSBAR CHAMBERS (400 V /230V)

Busbar chambers, which feed two or more circuits, must be controlled by a main disconnect or (TP&N) or Isolating links or TPN MCB to enable them to be disconnected from the supply.

### 5.0 MAIN/BRANCH DISTRIBUTION BOARDS

**Main distribution board** shall be provided with a circuit breaker on each pole of each circuit, or a switch with a fuse on the phase or live conductor and a link on the neutral or earthed conductor of each circuit. The switches shall always be linked.

All incomers should be provided with surge protection devices.

**Branch Distribution Boards** shall be provided, along with earth leakage protective device (ELCB) (incoming), with a fuse or a miniature circuit breaker or both of adequate rating /setting chosen on the live conductor of each sub-circuit and the earthed neutral conductor shall be connected to a common link and be capable of being disconnected individually for testing purposes. At least one spare circuit of the same capacity shall be provided on each branch distribution board. Further, the individual branching circuits (outgoing) shall be protected against over-current with miniature circuit breaker of adequate rating. In residential / industrial lighting installations, the various circuits shall be separated and each circuit shall be individually protected so that in the event of fault, only the particular circuit gets disconnected.

**Location of Distribution Boards:** The distribution boards shall be located as near as possible to the centre of the load they are intended to control.

### 6.0 CABLE INSULATION TYPES

For the mains cable	Tough plastic sheathed (TPS) cable
For installation wiring	Tough plastic sheathed (TPS) cables
For main earth or main equipotential wire	Polyvinylchloride(PVC)insulated conduit
Underground installation and installation in cable trench, feeders between buildings etc. Installation in plant rooms, switch rooms etc, on cable tray or ladder or protected trench, where risk of mechanical damage to cable does not exist.	PVC insulated, PVC sheathed armored cables or XLPE insulated, PVC sheathed or XLPE insulated, PVC sheathed unarmored cables

For the purposes of this Code cables above 1 sq. mm must have stranded conductors. All cables when installed must be adequately protected against mechanical damage. This can be carried out by either having additional protection, such as being enclosed in PVC conduit or metal pipes, or placing the cables in a suitable location that requires no additional protection. The cables for wiring circuits in electrical installation must have the appropriate wire size matching the requirement of the loads and the following table gives the recommendations for different types of loads.

## **7.0 ENERGY CONSERVATION**

Energy conservation may be achieved by using the following:

- i) Energy efficient lamps, chokes, ballast etc for lighting equipment
- ii) Efficient switching systems such as remote sensors, infrared switches, master switches, remote switches, etc for switching ON and OFF of lighting circuits.
- iii) Properly made/connected joints/contacts to avoid loose joints leading to loss of power.
- iv) Where daylight would be available, particularly in large halls, lighting in the area near the windows likely to receive daylight shall have separate controls for lights, so that they can be switched off selectively when daylight is adequate, while keeping the lights in the areas remote from the windows on.
- v) Energy Efficient BEE Star Rated Air-conditioning units.
- vi) Use of Variable Frequency Drives for Compressors/ fans speed control through VFD yields substantial energy savings. The power consumption of Compressors/ fans is proportional to cube of speed. So if speed is halved the power reduces by 1/8.
- vii) Maintaining the design indoor conditions for all air-conditioned spaces. Lowering the set point below design condition results in higher power consumption.
- viii) Regular maintenance and cleaning of filters of air-conditioning unit to reduce pressure drop and thus power consumption.
- ix) Dedicated Air-conditioning units for frequently occupied spaces such Conference, Meeting Room etc.
- x) Proper Scheduling of the air-conditioning units.

## **8.0 CONDUCTORS AND ACCESSORIES**

- i) **Conductors for internal wiring:** Conductors for all the internal wiring shall be of copper. Conductors for power and lighting circuits shall be of adequate size to carry the designed circuit load without exceeding the permissible thermal limits for the insulation. The conductor for final sub-circuit for fan and light wiring shall have a nominal cross-sectional area not less than 1.50 sq. mm copper. The cross-sectional area of conductor for power wiring shall be not less than 4.0 mm<sup>2</sup> copper. The minimum cross-sectional area of conductor of flexible cord shall be 1.50 sq. mm. copper. In existing buildings where aluminum wiring has been used for internal electrification, changeover from aluminum conductor to copper conductor may be made once the former goes beyond economical repairs.

NOTE- It is advisable to replace wiring, which is more than 30 years old as the insulation also would have deteriorated, and will be in a state to cause failure on the slightest of mechanical or electrical disturbance.

- ii) **Flexible Cables and Flexible Cords:** Flexible cables and cords shall be of copper and stranded and protected by flexible conduits or tough rubber or PVC sheath to prevent mechanical damage.



- iii) **Low Voltage (Types of Wires/Cables):** Low voltage services utilize various categories of cables/wires, such as Fiber optic cable, co-axial, CAT 5, etc. These shall be laid at least minimum specified distance of 300 mm from any power wire or cable. Special care shall be taken to ensure that the conduit runs and wiring are laid properly for low voltage signal to flow through it.

## **9.0 JOINT AND LOOPING BACK**

i) Where looping back system of wiring is specified, the wiring shall be done without any junction or connector boxes on the line. Where joint box system is specified, all joints in conductors shall be made by means of suitable mechanical connectors in suitable joint boxes. Wherever practicable, looping back system should be preferred. Whenever practicable, only one system shall be adopted for a building, preferable a looping back system.

ii) Joints are a source of problems in reliability and are also vulnerable to fire. They should be avoided or at least minimized. Where joints in cable conductors or bare conductors are necessary, they shall be mechanically and electrically sound. Joints in non-flexible cables shall be accessible for inspection;

iii) There are different standard joints such as epoxy resin based joint, her shrinkable plastic sleeve joint etc, and each one has its advantage and disadvantage. Selection has to be made on the basis of application site conditions and availability of skilled licensed workmen.

iv) Every joint in a cable shall be provided with insulation not less effective than that of the cable cores and shall be protected against moisture and mechanical damage. Soldering fluxes which remain acidic or corrosive at the completion of the soldering operation shall not be used.

v) For joints in paper-insulated metal-sheathed cables, a wiped metal sleeve or joint box, filled with insulating compound, shall be provided.

## **10.0 BENDS IN WIRING**

The wiring shall not in any circumstances be bent so as to form a right angle but shall be rounded off at the corners to a radius not less than six times the overall diameter of the cable.

### **EXPLANATORY NOTE ON TAXES AND DUTIES.**

The rate analysis includes prevailing tax rate as follows:

Transportations charges @ 2 %

The rate includes packaging, forwarding, transport with insurance, installation, testing and commissioning, contractor overheads and profit

## **Part -I**

# **LIST OF APPROVED MATERIALS**

## LIST OF APPROVED MATERIAL

Unless otherwise mentioned specifically only the following approved make / brands of various electrical accessories will be used. In case, there are two types of product under one brand name, then product having I.S.I. mark shall be used. In case, the approved brands are not available in the market then, equivalent product, which shall be approved as per relevant standards, shall be used.

The contractors should distinctly understand that it would not be their prerogative to insist on using a particular make/brand amongst the approved ones.

The list is subject to revision from time to time, any change of brand name or change in company's name shall be 'deemed approved' from the date of such change.

Sr. No.	Item Description	Makes / Brand
1.	H.T. Switchgear.	Siemens, L&T, Kirloskar, Bhel, English Electric, ABB, Jyoti, Crompton Greaves, C&S, ALSWG,
2.	L.T. Switchgear.	
	A) Enclosed in sheet steel with H.R.C. fuses for 63 Amps., and above.	L&T, Siemens, Havell's, Jyoti, CPL, Schneider, KEW, Kalki, Standard, Indo Asian, Versatrip, HPL, C&S, BCH, Bentec
	B) Cast iron with rewirable fuses.	Bosma, KEW, CPL, Kalki, Harisons, HPL, C&S, BCH, Bentec
	C) Cast iron or enclosed in sheet steel changeover switch.	KEW, Bosma, CPL, Havell's, Indo Asian, Kalki, Harisons, HPL, Legrand, Anchor, Cona, C&S, Bentec
	D) Circuit Breakers (Moulded case).	L&T, Siemens, Havell's, Indo Asian, Schneider, MDS, ABB, Standard, HPL, Moeller HPL, Legrand, Anchor, Cona, BCH, Bentec
	E) Miniature Circuit Breakers	MDS, Havell's, Guts, Standard, Versatrip, Indo Asian, Guts, Siemens, Leader, Moeller HPL, HPL, Legrand, Cona, C&S, KOLORS, Bentec, Goldmedal
	F) Cubical panel switchgear accessories.	
	I) TPN / DP Switches / Isolators.	L&T, Siemens, KEW, Standard, CPL, Havell's, Indo Asian, Versatrip, HPL, Legrand, Anchor, Cona, C&S, BCH, Polycab.
	II) Rotary CAM type, Selector switch.	Siemens, Thakoor, Kaycee, AEI, Standardgold, HPL, C&S
	III) Start / Stop push button stations.	L&T, Siemens, Cutler-Hammer, Kaycee, Havell's, C&S, BCH.
	IV) Contactors.	Schneider, Havell's, L&T, Siemens, Cutler-Hammer, ABB, HPL, C&S, BCH.
	V) Indicating lamp (Neon Type)	Siemens, Vaishno or equivalent approved by relevant standards, BCH.
	VI) Indicating lamp filament type with resistance.	National, Kamla, BCH, or equivalent approved by relevant standards.

	VII)	Earth leakage circuit breakers.	Datar, Standard, L&T, Havell's, English Electric, Indo Asian, Guts, Versatrip, 'Guts' Siemens, Leader, Moeller HPL, Cona, C&S, Bentec
	VIII)	H.R.C. Fuse.	Siemens, L&T, English Electric, Kaycee, Havell's, Indo Asian, Versatrip, Guts, Standard, KEW, HPL
3.		Power Transformer.	Essun, Kirloskar, Bhel, Bharat Bijlee, Emco, GEC, Voltamps, Crompton Greaves, Telawane
4.		Distribution Boards.	
	A)	With rewirable fuses.	Bosma, KEW, Stanley, CPL, Havell's, Indo Asian, Kalki, Standard, HPL, Legrand, Cona, BCH, Goldmedal
	B)	With HRC Fuse	English Electric, L&T, Siemens, Kew, Kaycee, Havell's, Indo Asian, Standard, HPL, Legrand, Cona, BCH.
	C)	With MCB's.	MDS, Standard, Indo Asian, Havell's, Versatrip, Guts, HPL, Legrand, Cona, BCH, Bentec, Polycab, Goldmedal, Vinay
5.		Cables.	1 <sup>st</sup> Category: Finolex, Polycab, Tropodur, Gloster, Asian, Nicco, Universal, Incab, Havell's, Torrent, Vishal, HPL, KEI, Avocab, Bentec, Anchor, R.R.Kable, Kenter
			2 <sup>nd</sup> Category: Supreme, Rajcab, Fixocab, Rolex, Sunlight, Dicabs, Cona, Leader, Vinay, Rallison, Unicab, Ultracab, Ravin, Electrolite, MetroCab, CORDS
6.		Socket / Lugs.	Dowells, Jainson, HPL or equivalent approved by relevant standards
7.		PVC Wires.	1 <sup>st</sup> Category : Finolex, Polycab, Gaztek, Nicco, Havell's, Torrent, RR Kabel , Anchor, Vishal, HPL, KEI, Avocab, Bentec, Kenter
			2 <sup>nd</sup> Category : Rajcab, Poliplast, Supreme, Pyroflex, Philco, Rolex, Sunlight, Cona, 'GMC', Leader, Vinay, Rallison, Unicab, KOLORS, GM, PRESS FIT, Electrolite, MetroCab, Goldmedal
8.		Conduit.	
	A)	M.S.Black and G.I. Conduit.	BEC, Vimco, BI, EWC.
	B)	Rigid PVC conduit and accessories.	Precision, Asian, Diamond, BEC, Circle Arc, Swastik, Premium, Polycab, GM, PRESS FIT
9.		PVC casing-n-capping and accessories.	Presto-plast, Modi's, Sunplast, Precision, Diamond, Circle Ark, Alta, Super Plast, Shriplast, PRESS FIT
10.		Screws.	Nettle Fold, King Fold, Precision Fastners.

11.		Piano switches flush mounting (5 to 15 Amps.) / wall sockets & plugs (surface mounting), Modular Switches (5 to 15 Amp) holder pendant / batten / angle, three plate ceiling rose (for 3 core twisted flexible wire), 30 Amps. D.P. Ticcino type switch fuse with indicating lamp, bell push surface mounting, flush mounting.	Roma, Kalki, Strong, Leader, Cona, Modern 'ACE', Modern 'FAME', Modern 'Image', SSK, Harisons, Havell's, Safron, Vinay, Precious, Standard, 'elle' of M/s Aerolite, 'elleys' of Elle Elec. Pvt. Ltd., Anchor, Legrand, Cona, C&S, KOLORS, GM, Precision, Goldmedal, Vinay, Benlo, HPL, PRESS FIT, Hi-Fi
12.		Wall socket and plugs metal clad (ray roll type).	GEC, AE, Havell's, Crompton Greaves, Indo Asian, Standard-Gold, SSK, Precision.
13.		PVC Board.	Sunwood, Presto-Plast or ISI marked.
14.		Special accessories concealed / decorative (plate switches).	CPL, Roma, Anchor, Precision, Indo Asian, Harisons, Kalki, elleys, Vinay.
15.		Two / Three core flexible wires.	Polycab, Pyroflex, Philco, Fixocab, Rajcab, Poliplast, Anchor, RR Kabel.
16.		Storage heater with thermostatic control.	Bajaj, Spherehot, Racold, Ketco, Crompton, Aqua Therm.
17.		Lamps.	
	A)	GLS Filament.	Bajaj, Crompton, Philips, GEC, Mysore, ECE, HMT, Surya, Cema, HPL.
	B)	Fluorescent, HPMV, HP/LP-SV, Halogen / MLL	Bajaj, Crompton, Philips, HMT, Anchor, ECE, Surya, Osram, Cema, HPL.
	C)	Halogen / MLL & metal halide.	GEC, Philips, Crompton, Bajaj.
	D)	CFL 8 to 24 Watts upto 36 watts, Groove type, pin type.	'Bajaj, Crompton, Phillips, GEC, Mysore, Anchor, Wipro, Hykon, CEMA, Osram, GE, Halonix, HPL.
18.		Fitting for fluorescent HPMV lamps and LP / HPSV lamps with copper wound chokes and condensers. Bulkhead fittings, Duoflux / dispersive reflectors, flood light fittings. Recessed mounted CFL 36 Watt & Low Watt. Fittings which use energy saving light source like CFL, TL-5	1 <sup>st</sup> Category : Philips, Anchor, Crompton, Bajaj, Wipro, Surya, Havell's, Kalki, Altralite, HPL, Halonix,
			2 <sup>nd</sup> Category : Monarch, Vikrant, Naman, National, Shakti, Ansu, Yogolite, Harisons, Fixolite, Gaztek, Glolite, Asian, GE, Osram, Kwality, Hykon, United, Jain Irrigation, Thorn, Cona, Eata, Pierlite, C&S

18A		LED light fixtures and Special fittings	Intelux, Pyrotech, Lance, GM, ALTRA-LITE, Orient ,RR Electric, Vin,Oppl, Luker, Halonix, Kalki, Benlo, Goldmedal, Syska, Polycab, QuizLED, HPL, Lighting Technologies
19.		Special fittings.	Philips, Bajaj, Crompton, Canara, Geminiglobal, Tulip, Kalki, Gaztek, HPL.
20.		Bell.	
	A)	Call bell / buzzer.	Bajaj, Kalki, Anchor, Harisons, Rider, Cona.
	B)	Gong bell / alarm bell.	Edison, Target, Modern, Kheraj, Harison, Leader.
21.		Exhaust fans / pedestal fans air circulators.	Crompton, Bajaj, Almonard, GEC-Alstom, Alfa, Ansu, Innova, Cinni, Adler, Halonix.
22.	A)	Ceiling fans with double ball bearings.	1 <sup>st</sup> Category : Crompton (high breeze), Bajaj (Kassels 50 ISI), Bajaj (Excel), Polycab, Anchor
			2 <sup>nd</sup> Category : Orient (New Breeze and Summer Cool), , Crompton (high speed), R R Electric, Halonix,
	B)	Table fans wall mounting fans / cabin fans.	Crompton, Usha, Ralli, Innova, Alpha, Cinni, Bajaj
23		Copper Ballast for fluorescent lamp	Philips, Crompton, Bajaj, Kalki, Gaztek, HPL.
24.	A)	Capacitor for motive power.	Epcos, Usha, Enco, Crompton-Greaves, Madhav, Khatau Junkar, RD, MSIL, Siemens, L&T, Shreem, Mahan, BCH.
	B)	Condenser for fluorescent (Repair work).	Epcos, Elconic, Priya, RD.
25.		D.G.Set.	
	A)	Engine.	Kirloskar, Ruston, Greaves-Cotton, Mahindra, Cooper Corp
	B)	Alternator.	Kirloskar, Stanford, NGEF, Crompton Greaves.
26.		Submersible Pumpsets	
	A)	Submersible electrically driven water pump sets (Open Well)	Kirloskar, KSB, SU, Calama, Atlanta, Waterman, Laxmi, PEW, Darling, Agasti, C.R.I., Crompton Greaves, Perfect, Plugra, Shakti, Jasco, Lubi, U-neel
	B)	Submersible electrically driven water pump sets (Bore Well)	Kirloskar, KSB, SU, Calama, Atlanta, Waterman, Laxmi, PEW, Darling, Agasti, C.R.I., Crompton Greaves, Perfect, Plugra, LADA, Shakti, Jasco, Lubi, U-neel
	C)	D-watering pump sets	Kirloskar, KSB, SU, Calama, Atlanta, Waterman, Laxmi, PEW, Darling, Agasti, C.R.I., Crompton Greaves, Perfect, Lubi
27.		Diesel engine driven pump sets.	Kirloskar, Laxmi, Birla, Yamaha, Honda.

28.		Electrically driven pump set coupled type, mono block, self priming, jet pumps.	Kirloskar, Crompton, Jyoti, KSB, Mather & Platt, Bharat Bijlee, Voltas, Beacon, Laxmi, PEW, JMP, Batliboi, C.R.I., Agasti, Lubi
29.		Electric motors.	Kirloskar, Siemens, Bharat Bijlee, Crompton, Jyoti, Brown Boveri, Batliboi, GEC-Alstom, Laxmi, PEW.
30.		Air breaks starters for motors.	Siemens, L&T, Crompton Greaves, Cutler Hammer, BCH.
31.		Terminal block.	Elmex, Everest, Jyoti, Gaztek, Connectwell.
32.		Meters: Ammeter & Voltmeter (Analog).	Automatic Electric, Simpson Udey, Meco, Indian Meters, Kusum-Meco, HPL.
33.		Energy meters.	Automatic Electric, Meco, Indian Meters, Havell's, HPL, Bentec
34.		Water level control equipment.	S.B.Electricals, Su-Bhaskar, Minilec, Accent, AGMA22, RDS.
35.		Emergency lights.	Prolite, Profile, Rider, Tekno-Vision, Kheraj, BPL, Glolite.
36.		Plumbing accessories.	
37.	A)	G.I.Pipes.	Zenith, Tata, Jindal, Lloyd, Bhushan Steel, Siddharth, Ambika, Indian tube, Surya, Georg Fischer
	B)	G.I.Bends.	Tata, Goel, Bhushan Steel, Georg Fischer
	C)	C.I.Pipes.	ISI Approved Brand, Georg Fischer
	D)	(a) Gate valve (gun metal).	Leader, Sant, New, ORBINOX, Georg Fischer, OR any ISI Marked Valve.
		(b) NRVs (gun metal).	Leader, Sant, ORBINOX, Georg Fischer OR any ISI Marked Valve.
		(c) Spring loaded gun metal foot valve.	Swati, DRP, ORBINOX, Georg Fischer OR any ISI Marked Valve,
		(d) Pressure Guages	Guru, Georg Fischer or equivalent approved by relevant standards,
		Wafer type butterfly / check valves.	Crowly & Ray, L&K, Univas, Advance, ORBINOX.
38.		C.I.Pipe socket.	Indian Iron & Steel Company, Tisco, Georg Fischer
		C.I.NRVs.	Ujjain Pipe, Jamshedpur, Georg Fischer or equivalent approved by relevant standards,
		C.I. Foot valve.	Bhadravati, Kirloskar, IVC, Georg Fischer
		C.I.Sluice valve.	Swati, Mayur, Georg Fischer
39.		Spray painting of C / Fans OR any equipment.	Asian Paints 'Apcolite' Brand, Nerolac, Berger.
40.		Highmast	Bajaj, Valmont, Skipper, Transrail

41.		Bearings.	SKF, TATA, NBC.
42.		Electronic Ballast	Philips, Asian, Ecolumen, Kalki, Eata, HPL, Intelux
43		Fan's Electronic Regulator	Vinay, Anchor, Rider, Kalki, Cona, Bajaj, GM, Precision, PRESS FIT, HPL
44		Fluorescent Tube 28 W – T 5, (4Ft) or (3Ft) or (2Ft)	Philips, Asian, GE, OSRAM, HPL, Bajaj, Halonix
45		DWC HDPE – double wall corrugated pipes	REX, Gemini, Georg Fischer or equivalent approved by relevant standards,
46		Cable Trays and its accessories.	Asian Anciliary Corporation, Legrand, universal, Indiana
47		Window Model Air Conditioner labeled by BEE.	Blue star , Voltas, Videocon, LG, Carrier, Godrej, Daikin, CYGNUS.
48		Split type Air Conditioner 2 star & above labeled by BEE.	Blue star, Voltas, Videocon, LG, Carrier, Godrej, Daikin.
50		Solar Street light	Hykon, Kwality, Halonix, Reliance, Jain Irrigation, Waree, BM Sunpower
51		Solar Water Heaters	Hykon, Kwality, Halonix, Neutech, Solar products co., Jain Irrigation



52		Recommended approved makes for items not covered under FME schedule Items'.	<p>i)'Centrifugal &amp; Screw Chillers' of M/s Kirloskar Chillers Pvt.Ltd.,</p> <p>ii)'DMSGI' brand "Terec+ Earthing Backfill compound and ESE Lightning Protection System' of M/s SGI Engineers Pvt. Ltd.</p> <p>iii)'Meters, PLCs, Temperature Controllers, Timers, Counters, Process Indicators, Protection relays' of M/s Selec Controls Pvt.Ltd.</p> <p>iv)'Programmable Logic Controller(PLC), power saving controllers, digital meters, Controller panel, Biometric System(BMS), Microprocessor based control system for Factory Automation &amp; Process Control.' of M/s Softhard Automation Pvt.Ltd.</p> <p>v) 'UES' brand Earthing Electrodes &amp; Earthing Systems of M/s Universal Earthing System Pvt. Ltd.</p> <p>vi) Metal GI plain / perforated ceiling panels and Aluminium plain / perforated ceiling panels of M/s Shringar Industries</p> <p>vii) Double skin &amp; Single skin floor mounted ceiling suspended AHU, Ductable units, Heat recovery units, Ventilation Supply &amp; Exhaust Air units, Pre(Factory) fabricated regular GI/AI/SS ductings, Pre insulated Ductings, Pre insulated Pipes, GI/AI Volume control Dampers, FCU of M/s Zeco Aircon Ltd.</p> <p>viii) 'Isolation Transformers, online insulation fault location system' of M/s Bender India Pvt.Ltd.</p> <p>ix) Air Handling Unit, Fan coil unit, Blowers, Cooling and Heating Coils, IR Ducts of M/s Moosa Haji Patrawala Pvt.Ltd.</p> <p>x) 'Waree' brand Solar Lantern, Solar Home Lightning system, Roof top solar power plant, water pumping system, Solar Garden lights of M/s Waree Energies Ltd.</p> <p>xi) Fire Alarm System by M/s. Ravel Electronics Pvt. Ltd.</p> <p>xii) Distribution Transformer by M/s Telawne Power Equipments Pvt Ltd</p> <p>xiii)GRP lighting pole by M/s Sumip composites Pvt.Ltd</p>
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**Part -II**  
**RATE SCHEDULE**

**M&E SCHEDULE 2023****INDEX**

<b>Sr. No.</b>	<b>Group Code</b>	<b>Contents</b>	<b>Item Range</b>
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2	B	Cables, Excavation, G. I. Cable Trays & Accessories, Cable Joints, Cable Protection Pipe	R3-ME-2-1 to R3-ME-2-25
3	C	Mains and Submains Wiring, Point Wiring	R3-ME-3-1 to R3-ME-3-49
4	D	Lighting, Fixtures, Inverters, Fans, Water Heaters	R3-ME-4-1 to R3-ME-4-34
5	E	Solar Street Light and Solar Water Heater	R3-ME-5-6 to R3-ME-5-17
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10	J	Highmast, Poles and Accessories	R3-ME-10-1 to R3-ME-10-12
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13	N	Gymnasium Equipments	R3-ME-13-1
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15	Q	Fire Fighting and Fire Alarm System	R3-ME-15-1 to R3-ME-15-33
16	R	Crematory Equipments & Accessories	R3-ME-16-1 to R3-ME-16-4
18	T	Pipe Natural Gas system	R3-ME-18-1 to R3-ME-18-3
19	U	SITC of various types of Lifts	R3-ME-19-SI-4P and R3-ME-19-CAM
20	V	Medical gas pipeline	R3-ME-20-MG-1 and R3-ME-21-MOT

<b>Group A -Switchgears MCB, DB Panels</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-1-1</b>	<b>Switch Fuse Unit (SP-ME-TS-3): SFU with rewirable fuses (porcelain fuse unit) as per IEC 60947 Part 1 &amp; 3 / IS 13947 part 1 &amp; 3 to be enclosed in CRCA Sheet steel 18/20 SWG standard with powder coated, rust protected (if 16/18 SWG/1.62/1.21 mm Nost available) with PVC insulated cu wires for interconnection, bus bar, earthing terminal, and all other accessories to complete the work. SFU shall be wall/column mounted. Enclosure shall be weather proof. Colour shade shall be as per IS 5. MS angle iron frame to mount the unit is included. IP for enclosure shall be IP43 for Indoor unit and IP 55 for Outdoor unit</b>		
R3-ME-1-1-a	15/16 Amp. 240V DP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	629
R3-ME-1-1-b	32 Amp. 240V DP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	1495
R3-ME-1-1-c	15/16 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	1959
R3-ME-1-1-d	32 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	2353
R3-ME-1-1-e	15/16 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	2004
R3-ME-1-1-f	32 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	2233
R3-ME-1-1-g	16 Amp. 240V SPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	808
R3-ME-1-1-h	32 Amp. 240V SPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	1493
R3-ME-1-1-i	63 Amp. 415V DP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	4821
R3-ME-1-1-j	63 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	6316
R3-ME-1-1-k	100 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	11838
R3-ME-1-1-l	63 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	6340

R3-ME-1-1-m	100 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	12259
R3-ME-1-1-n	200 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	16794
R3-ME-1-1-o	300 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with rewirable fuses	Nos	26774
<b>R3-ME-1-3</b>	<b>M.V.SKELETON TYPE SWITCHGEAR</b>		
R3-ME-1-3-a	15/16 Amp. 440V TPIC/TPSS Switchfuse unit with rewirable fuses	Nos	1257
<b>B</b>	<b>CHANGEOVER SWITCHES (SP-ME-TS-3)</b>		
<b>R3-ME-1-4</b>	<b>Change Over Switch as per IEC 60947 Part 1 &amp; 3 / IS 13947 part 1 &amp; 3 to be enclosed in CRCA Sheet steel 18/20 SWG standard with powder coated, rust protected(if 16/18 SWG/1.62/1.21 mm Nost available) with PVC insulated cu wires for interconnection, bus bar, earthing terminal, and all other accessories to complete the work. Changeover switch shall be wall/column mounted. Enclosure shall be weather proof. Colour shade shall be as per IS 5. MS angle iron frame to mount the unit is included.IP for enclosure shall be IP43 for Indoor unit and IP 55 for Outdoor unit</b>		
R3-ME-1-4-a	30/32 Amp. 230V DP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	2526
R3-ME-1-4-b	63 Amp. 230V DP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	7108
R3-ME-1-4-c	15/16 Amp.415V TP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	2602
R3-ME-1-4-d	63 Amp. 415V TP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	8492
R3-ME-1-4-e	100 Amp. 415V 4P Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	9375
R3-ME-1-4-f	32 Amp. 415V 4P Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	3096
R3-ME-1-4-g	63 Amp. 415V 4P Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	6326
R3-ME-1-4-h	100 Amp. 415V 4P Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	9325
R3-ME-1-4-i	125 Amp. 415V FP ON Load Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	11231
R3-ME-1-4-j	200 Amp. 415V FP ON Load Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	17485
R3-ME-1-4-k	250 Amp. 415V FP ON Load Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	21732

R3-ME-1-4-l	16 Amp. 230V DP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	1968
R3-ME-1-4-m	32 Amp. 415V TP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	3055
R3-ME-1-4-n	100 Amp. 415V TP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	14914
R3-ME-1-4-o	16 Amp. 230V FP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	2869
R3-ME-1-4-p	300 Amp. 415V FP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	32281
R3-ME-1-4-q	400 Amp. 415V FP Changeover Switch with CRCA sheet steel powder coated enclosure.	Nos	45734
<b>C</b>	<b>SWITCHGEARS IN SHEET STEEL ENCLOSURES (SP-ME-TS-3)</b>		
<b>R3-ME-1-6</b>	<b>SFU with HRC fuse as per IEC 60947 Part 1 &amp; 3 / IS 13947 part 1 &amp; 3 to be enclosed in CRCA Sheet steel 18/20 SWG standard with powder coated, rust protected(if 16/18 SWG/1.62/1.21 mm Nost available) with PVC insulated cu wires for interconnection, bus bar, earthing terminal, and all other accessories to complete the work. SFU shall be wall/column mounted. Enclosure shall be weather proof. Colour shade shall be RAL 7032 Smoke gray as per IS 5. MS angle iron frame to mount the unit is included, IP for enclosure shall be IP43 for Indoor unit and IP 55 for Outdoor unit</b>		
R3-ME-1-6-a	63 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links.	Nos	5674
R3-ME-1-6-b	100/125 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links.	Nos	9594
R3-ME-1-6-c	200/250 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	15530
R3-ME-1-6-d	300 /315 / 320 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	19502
R3-ME-1-6-e	400 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	24122
R3-ME-1-6-f	63 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links.	Nos	5345
R3-ME-1-6-g	100 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links.	Nos	8417

R3-ME-1-6-h	200 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	12973
R3-ME-1-6-i	250 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	14990
R3-ME-1-6-j	300/315/320 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	18956
R3-ME-1-6-k	400 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	22616
R3-ME-1-6-l	630 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	32656
R3-ME-1-6-m	800 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	42745
R3-ME-1-6-n	630 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	35608
R3-ME-1-6-o	800 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	44534
R3-ME-1-6-p	125 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	9699
R3-ME-1-6-q	160 Amp. 415V TPN Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	11231
R3-ME-1-6-r	125 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	9699
R3-ME-1-6-s	160 Amp. 415V TP Switchfuse unit with CRCA sheet steel powder coated enclosure with HRC fuses & switch links and padlockable arrangement.	Nos	11231
<b>D</b>	<b>ISOLATORS / SWITCHES: (SP-ME-TS-3)</b>		

<b>R3-ME-1-7</b>	<b>Isolator / Switches as per IEC 60947 Part 3 / IS 13947 part 3 to be enclosed in CRCA Sheet steel 18/20 SWG standard with powder coated, rust protected(if 16/18 SWG/1.62/1.21 mm Nost avilable) with bus bar, earthing terminal, and all other accessories to complete the work. Isolator shall be wall/column mounted. Enclosure shall be weather proof. Colour shade shall be as per IS 5. MS angle iron frame to mount the unit is included.IP for enclosure shall be IP43 for Indoor unit and IP 55 for Outdoor unit</b>		
R3-ME-1-7-a	15/16 Amp. 415V TP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1147
R3-ME-1-7-b	15/16 Amp. 415V TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1178
R3-ME-1-7-c	30/32 Amp. 415V TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1651
R3-ME-1-7-d	63 Amp. 415V TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	3343
R3-ME-1-7-e	100 Amp. 415V TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	3653
R3-ME-1-7-f	200 Amp. 415V TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	11729
R3-ME-1-7-g	400 Amp. 415V TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	19387
R3-ME-1-7-h	30Amp.DP switch (i.e. 'TICINos' type) with neon indicator, fuse links & complete with necessary fixing arrangement. (Switch shall be of ISI mark only).	Nos	172
R3-ME-1-7-i	40 A DP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	612
R3-ME-1-7-j	63 A DP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	791
R3-ME-1-7-k	80 A DP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1005
R3-ME-1-7-l	100 A DP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1061
R3-ME-1-7-m	40 A TP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1085
R3-ME-1-7-n	63 A TP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1252
R3-ME-1-7-o	80 A TP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1384
R3-ME-1-7-p	100 A TP switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1402



R3-ME-1-7-q	40 A TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1423
R3-ME-1-7-r	63 A TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1447
R3-ME-1-7-s	80 A TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1640
R3-ME-1-7-t	100 A TPN switch unit with CRCA sheet steel powder coated enclosure with accessories.	Nos	1737
<b>E</b>	<b>BUSBAR CHAMBER</b>		
<b>R3-ME-1-9</b>	<b>Bus bar chambers, using CRCA Sheet steel SWG 16, powder coated, rust protected enclosure. IP protection for chamber shall be IP43. Bus bar supports shall be SMC (each at every 300mm). Incoming and outgoing Cable termination provision shall be provided with 3mm undrilled gland plate. Colour shade shall be RAL 7032 Smoke gray as per IS 5.</b>		
R3-ME-1-9-a	60 /63A TPN with tinned copper bars of size 20 x 3 mm.	NOS	3515
R3-ME-1-9-b	100 /125A TPN with tinned copper bars of size 20 x 5 mm.	NOS	4984
R3-ME-1-9-c	200 /250A TPN with tinned copper bars of size 40 x 5 mm.	NOS	9181
R3-ME-1-9-d	300 / 315 / 320A TPN with tinned copper bars of size 40 x 10 mm.	NOS	11449
R3-ME-1-9-e	400A TPN with tinned copper bars of size 50 x 10 mm.	NOS	13170
R3-ME-1-9-f	Cubical Panel (Fabricated from CRCA sheet steel SWG 16, powder coated, rust protected enclosure, IP 52)	CUM	3525
<b>F</b>	<b>1.1 KV GRADE COPPER FLEXIBLE WIRE WITH SINGLE PVC INSULATED "METER LEADS" COMPLETE WITH FLEXIBLE PVC CONDUIT, END TERMINATIONS, CLIPPINGS ETC.: (SP-ME-TS-12)</b>		
<b>R3-ME-1-10</b>	<b>MAINS -Wiring &amp; Laying rate for mains include wires/flexible cables, pull boxes, flexible conduit, conduit junction box, clamps, cleats, hardware, accessories, anchor fasteners etc. It shall include supply and installation of all the above as applicable.</b>		
R3-ME-1-10-a	1.1 kV grade 2 Noss. (P+N) copper conductor wires of area 4.0 sq mm and 1Nos. (E) 2.5 sq. mm copper wire for 15 /16 Amp single phase switch.	Mtr	456
R3-ME-1-10-b	1.1 kV grade 4 Noss. (3P+N) copper conductor wires of area 4.0 sq mm and 1Nos. (E) 2.5 sq. mm copper wire for 15 /16 Amp. Three phase switch.	Mtr	714
R3-ME-1-10-c	1.1 kV grade 2 Noss. (P+N) copper conductor flexible cable of area 4.0 sq mm and 1Nos. (E) 2.5 sq. mm copper cable for 30 /32 Amp. single phase switch.	Mtr	456

R3-ME-1-10-d	1.1 kV grade 4 Noss. (3P+N) copper conductor flexible cable of area 6.0 sq mm and 1Nos. (E) 2.5 sq. mm copper cable for 30 /32 Amp. three phase switch.	Mtr	845
R3-ME-1-10-e	3(PH) Noss. single core Cu PVC insulated flexible cable of 25 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for neutral of 10 Sq.mm. for 63 Amp TPNSS switch.	Mtr	1459
R3-ME-1-10-f	3 Noss. single core Cu PVC insulated flexible cable of 50 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for Neutral of 25 Sq.mm for 100/125 Amp. TPNSS switch.	Mtr	3023
R3-ME-1-10-g	3 Noss. single core Cu PVC insulated flexible cable of 95 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for neutral of 50 Sq.mm for 200 Amp TPNSS switch.	Mtr	5803
R3-ME-1-10-h	3 Noss. single core Cu PVC insulated flexible cable of 150 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for neutral of 70 Sq.mm for 250 Amp TPNSS switch.	Mtr	9137
R3-ME-1-10-i	3 Noss. single core Cu PVC insulated flexible cable of 185 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for neutral of 95 Sq.mm for Neutral for 300/315/320 Amp TPNSS switch	Mtr	11260
R3-ME-1-10-j	3 Noss. single core Cu PVC insulated flexible cable of 240 Sq.mm. for phases & 1 single core Cu PVC insulated flexible cable for neutral of 150 Sq.mm for 400 Amp. TPNSS switch.	Mtr	15362
<b>G</b>	<b>Distribution Board with incoming MCB/MCCB &amp; outgoing MCB incorporated in slotted LID Type boards (SP-ME-TS- 3)</b>		
<b>R3-ME-1-13</b>	<b>Distribution board single door of various sizes on wall/ Column/ floor mounting, with required hardware &amp; fasteners. All MCBs shall be rated for 10kA, 'C' curve type. All the DBs are readymade DBs inclusive of MCCB, MCB, terminal connectors, earth bus, neutral bus, undrilled gland plate and earth terminals (2Noss.) Cost of DBs include rates of DB, MCB, MCCB &amp; other accessories. IP for enclosure shall be IP30. DB shall be as per IS8623-1 &amp; 3 / IEC 61439- 1 &amp; 3</b>		
R3-ME-1-13-a	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 2 Noss 6A/10A SP MCB as outgoing (8 way SPN DB)	Nos	3615
R3-ME-1-13-b	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 3 Noss 6A/10A SP MCB as outgoing (8 way SPN DB)	Nos	3998
R3-ME-1-13-c	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 4 Noss 6A/10A SP MCB as outgoing (8 way SPN DB)	Nos	4303

R3-ME-1-13-d	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 6 Noss 6A/10A SP MCB as outgoing (12 way SPN DB)	Nos	5371
R3-ME-1-13-e	IP 42 Wall/column Mounted distribution board with one Nos of DP 16/32A MCB as incomer and 8 Noss 6A/10A SP MCB as outgoing (12 way SPN DB)	Nos	5984
R3-ME-1-13-f	IP 42 Wall/column Mounted distribution board with one Nos of 32A DP MCB as incomer and 2 Noss 16A DP MCB as outgoing (8way SPN DB)	Nos	3717
R3-ME-1-13-g	IP 42 Wall/column Mounted distribution board with one Nos of DP 32A MCB as incomer and 3 Noss 10A DP MCB as outgoing (12way SPN DB)	Nos	4476
R3-ME-1-13-h	IP 42 Wall/column Mounted distribution board with one Nos of 32A DP MCB as incomer and 4 Noss 10A DP MCB as outgoing (12 way SPN DB)	Nos	4783
R3-ME-1-13-i	IP 42 Wall/column Mounted distribution board with one Nos of 32A DP MCB as incomer and 6 Noss 6/10A DP MCB as outgoing (18 way SPN DB)	Nos	4917
R3-ME-1-13-j	IP 42 Wall/column Mounted distribution board with one Nos of DP 32A MCB, 8 Noss 6/10A DP MCB as outgoing (18 way SPN DB)	Nos	5535
R3-ME-1-13-k	IP 42 Wall/column Mounted distribution board with one Nos of 16/32A 4P MCB and 3 Noss 16/32A DP MCB as outgoing (4 way TPN DB)	Nos	9608
R3-ME-1-13-l	IP 42 Wall/column Mounted distribution board with one Nos of 16/32A 4P MCB and 4 Noss 16/32A DP MCB as outgoing (4 way TPN DB)	Nos	10716
R3-ME-1-13-m	IP 42 Wall/column Mounted distribution board with one Nos of 16/32A 4P MCB and 6 Noss 16/32A DP MCB as outgoing (4 way TPN DB)	Nos	12818
R3-ME-1-13-n	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB and 2 Noss 32A TP MCB / 6 Noss. 32A SP MCB as outgoing (4 way TPN DB)	Nos	11705
R3-ME-1-13-o	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB and 3 Noss 16A TP MCB / 9 Noss. 16A SP MCB as outgoing (4 way TPN DB)	Nos	13440
R3-ME-1-13-p	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB and 3 Noss 16A TP MCB / 12 Noss. 16A SP MCB as outgoing (4 way TPN DB)	Nos	15167
R3-ME-1-13-q	IP 42 Wall/column Mounted distribution board with one Nos of 100A 4P MCCB and 3 Noss 32A TP MCB as outgoing (4 way TPN MCCB DB)	Nos	21329

R3-ME-1-13-r	IP 42 Wall/column Mounted distribution board with one Nos of 100A 4P MCCB and 4 Noss 32A TP MCB as outgoing (4 way TPN MCCB DB)	Nos	23047
R3-ME-1-13-s	IP 42 Wall/column Mounted distribution board with one Nos of 100A 4P MCCB and 6 Noss 32A TP MCB as outgoing (8 way TPN MCCB DB)	Nos	27425
R3-ME-1-13-t	Readymade DB in CRCA enclosure with IP 44 degree of protection, with 125A TPN MCCB (Thermal Magnetic with overload, short circuit release) as incomer and 4Noss. 63A TP MCB OR 12Noss. 63A SP MCB as outgoing ( 4 way TPN MCCB DB)	Nos	28431
R3-ME-1-13-u	Readymade DB in CRCA enclosure with IP 44 degree of protection, with 250A TPN MCCB (Thermal Magnetic with overload, short circuit release) as incomer and 8Noss. 32A TP MCB Or 24Noss. 32A SP MCB as outgoing ( 8 way TPN MCCB DB)	Nos	56638
R3-ME-1-13-V	Readymade DB in CRCA enclosure with IP 44 degree of protection, with 250A TPN MCCB (Thermal Magnetic with overload, short circuit release) as incomer and 2Noss. 63A TP MCB and 4 Noss. 32 A TP MCB Or 24Noss. 32A SP MCB as outgoing ( 8 way TPN MCCB DB)	Nos	40479
R3-ME-1-13-w	S & I of UPS -PDB (8WAY TPN DB)	Nos	24153
R3-ME-1-13-x	S & i of LDB (4WAY TPN DB)	Nos	19576
<b>H</b>	<b>Distribution Board with MCB incomer &amp; outgoing (SP-ME-TS-3)</b>		
<b>R3-ME-1-14</b>	<b>Distribution board with metal door of various sizes on wall/ Column/ floor mounting, with required hardware &amp; fasteners. For MCCB incomers, ON/OFF &amp; TRIP indication lamps shall be provided. All MCBs shall be rated for 10kA, 'C' curve type. All the DBs are readymade DBs inclusive of MCCB, MCB, terminal connectors, earth bus, neutral bus, undrilled gland plate and earth terminals (2Noss.) Cost of DBs include rates of DB, MCB, MCCB &amp; other accessories</b>		
R3-ME-1-14-a	IP 42 Wall/column Mounted distribution board with one Nos of 16A DP MCB as incomer and 2 Noss 10A SP MCB as outgoing (8 way SPN DB)	Nos	3871
R3-ME-1-14-b	IP 42 Wall/column Mounted distribution board with one Nos of 16A DP MCB as incomer and 3 Noss 10A SP MCB as outgoing (8 way SPN DB)	Nos	4181
R3-ME-1-14-c	IP 42 Wall/column Mounted distribution board with one Nos of 32A DP MCB as incomer and 2 Noss 16A SP MCB as outgoing (8 way SPN DB)	Nos	3875

R3-ME-1-14-d	IP 42 Wall/column Mounted distribution board with one Nos of 16A DP MCB as incomer and 3 Noss 10A SP MCB as outgoing (8 way SPN DB)	Nos	4194
R3-ME-1-14-e	IP 42 Wall/column Mounted distribution board with one Nos of 16A DP MCB as incomer and 4 Noss 6/10A SP MCB as outgoing (8way SPN DB)	Nos	4488
R3-ME-1-14-f	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB as incomer and 2 Noss 32A TP MCB as outgoing (4 way TPN DB)	Nos	11394
R3-ME-1-14-g	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB as incomer and 3 Noss 16A TP MCB as outgoing (4 way TPN DB)	Nos	14435
R3-ME-1-14-h	IP 42 Wall/column Mounted distribution board with one Nos of 63A 4P MCB as incomer and 4 Noss 16A TP MCB as outgoing (4 way TPN DB)	Nos	16301
R3-ME-1-14-i	IP 42 Wall/column Mounted distribution board with one Nos of 32A DP MCB as incomer and 6 Noss 6A SP MCB as outgoing (12 way SPN DB)	Nos	5606
<b>I</b>	<b>Distribution Board (Box only) (SP-ME-TS- 3)</b>		
<b>R3-ME-1-15</b>	<b>IP43&amp;30 SPN, TPN,Vertical TPN Distribution board with metal door of various sizes on wall/ Column/ floor mounting, with detachable gland plate, terminal connectors and other required hardware &amp; fasteners. DB shall be designed with provision for FP MCB/ Isolator/ RCCB / RCBO as incomer &amp; SP / TP MCB as outgoing as per requirement. (Cost of the DBs will be without MCB, MCCB). DB shall be as per IS 8623- 1 &amp; 3 / IEC 61439- 1 &amp; 3.</b>		
R3-ME-1-15-a	IP43 8 Way SPN DB (4 + 4Way)	Nos	2480
R3-ME-1-15-b	IP43 12 Way SPN DB (4 + 8Way)	Nos	2982
R3-ME-1-15-c	IP43 16 Way SPN DB (4 + 12Way)	Nos	3741
R3-ME-1-15-d	IP43 4 Way TPN DB (8 + 12Way)	Nos	4889
R3-ME-1-15-e	IP43 6 Way SPN DB (8 + 18Way)	Nos	6029
R3-ME-1-15-f	IP43 8 Way SPN DB (8 + 24Way)	Nos	7229
R3-ME-1-15-g	IP43 12 Way SPN DB (8 + 36Way)	Nos	10831
R3-ME-1-15-h	IP43 16 Way SPN DB (8 + 48Way)	Nos	13429
R3-ME-1-15-i	Supply, installation, testing & commissioning of distribution boards, 12 way VTPN type DB without door	Nos	19466
R3-ME-1-15-j	Supply, installation, testing & commissioning of distribution boards, 8 way VTPN type DB without door	Nos	13478
R3-ME-1-15-k	Supply, installation, testing & commissioning of distribution boards, 4 way VTPN type DB without door	Nos	11038

R3-ME-1-15-l	Supply, installation, testing & commissioning of distribution boards, 12 way VTPN type DB with door	Nos	19861
R3-ME-1-15-m	Supply, installation, testing & commissioning of distribution boards, 8 way VTPN type DB with door	Nos	14762
R3-ME-1-15-n	Supply, installation, testing & commissioning of distribution boards, 4 way VTPN type DB with door	Nos	11606
R3-ME-1-15-o	IP 30 SPN Distribution Board with single door (Box only) 4 Way ( 2 + 2 way)	Nos	1774
R3-ME-1-15-p	IP 30 SPN Distribution Board with single door (Box only) 6 Way ( 2 + 4 way)	Nos	1858
R3-ME-1-15-q	IP 30 SPN Distribution Board with single door (Box only) 8 Way ( 2 + 6 way)	Nos	2168
R3-ME-1-15-r	IP 30 SPN Distribution Board with single door (Box only) 12 Way ( 2 + 10 way)	Nos	2562
R3-ME-1-15-s	IP 30 SPN Distribution Board with single door (Box only) 16 Way ( 2 + 14 way)	Nos	3181
R3-ME-1-15-t	IP 30 SPN Distribution Board with single door (Box only) 18 Way ( 2 + 16 way)	Nos	4130
R3-ME-1-15-u	IP 43 SPN Distribution Board with metal door (Box only) 4 Way ( 2 + 2 way)	Nos	2337
R3-ME-1-15-v	IP 43 SPN Distribution Board with metal door (Box only) 6 Way ( 2 + 4 way)	Nos	2534
R3-ME-1-15-w	IP 43 SPN Distribution Board with metal door (Box only) 8 Way ( 2 + 6 way)	Nos	2956
R3-ME-1-15-x	IP 43 SPN Distribution Board with metal door (Box only) 12 Way ( 2 + 10 way)	Nos	3611
R3-ME-1-15-y	IP 43 SPN Distribution Board with metal door (Box only) 16 Way ( 2 + 14 way)	Nos	4434
R3-ME-1-15-z	IP 43 SPN Distribution Board with metal door (Box only) 18 Way ( 2 + 16 way)	Nos	5067
R3-ME-1-15-aa	IP 30 TPN Distribution Board with single door (Box only) 4 Way ( 4 + 12 way)	Nos	4398
R3-ME-1-15-ab	IP 30 TPN Distribution Board with single door (Box only) 6 Way ( 4 + 18 way)	Nos	5345
R3-ME-1-15-ac	IP 30 TPN Distribution Board with single door (Box only) 4 Way ( 8 + 12 way)	Nos	4702
R3-ME-1-15-ad	IP 30 TPN Distribution Board with single door (Box only) 6 Way ( 8 + 18 way)	Nos	5772
R3-ME-1-15-ae	IP 30 TPN Distribution Board with single door (Box only) 8 Way ( 8 + 24 way)	Nos	6747
R3-ME-1-15-af	IP 30 TPN Distribution Board with single door (Box only) 12 Way ( 8 + 36 way)	Nos	9962

R3-ME-1-15-ag	IP 43 TPN Distribution Board with metal door (Box only) 4 Way ( 4 + 12 way)	Nos	5366
R3-ME-1-15-ah	IP 43 TPN Distribution Board with metal door (Box only) 6 Way ( 4 + 18 way)	Nos	6566
R3-ME-1-15-ai	IP 43 TPN Distribution Board with metal door (Box only) 6 Way ( 8 + 18 way)	Nos	6980
R3-ME-1-15-aj	IP 43 TPN Distribution Board with metal door (Box only) 8 Way ( 8 + 24 way)	Nos	8311
R3-ME-1-15-ak	IP 43 TPN Distribution Board with metal door (Box only) 12 Way ( 8 + 36 way)	Nos	12445
R3-ME-1-15-al	IP 30 Vertical TPN Distribution Board with Modular Incomer single door (Box only) 4 Way ( 8 + 12 way)	Nos	12913
R3-ME-1-15-am	IP 30 Vertical TPN Distribution Board with Modular Incomer single door (Box only) 6 Way ( 8 + 18 way)	Nos	14083
R3-ME-1-15-an	IP 30 Vertical TPN Distribution Board with Modular Incomer single door (Box only) 8 Way ( 8 + 24 way)	Nos	15674
R3-ME-1-15-ao	IP 30 Vertical TPN Distribution Board with Modular Incomer single door (Box only) 12 Way ( 8 + 36 way)	Nos	21030
R3-ME-1-15-ap	IP 30 Vertical TPN Distribution Board with Modular Incomer single door (Box only) 16 Way ( 8 + 48 way)	Nos	25974
R3-ME-1-15-aq	IP 43 Vertical TPN Distribution Board with Modular Incomer Metal door (Box only) 4 Way ( 8 + 12 way)	Nos	13823
R3-ME-1-15-ar	IP 43 Vertical TPN Distribution Board with Modular Incomer Metal door (Box only) 6 Way ( 8 + 18 way)	Nos	16795
R3-ME-1-15-as	IP 43 Vertical TPN Distribution Board with Modular Incomer Metal door (Box only) 8 Way ( 8 + 24 way)	Nos	18426
R3-ME-1-15-at	IP 43 Vertical TPN Distribution Board with Modular Incomer Metal door (Box only) 12 Way ( 8 + 36 way)	Nos	24239
R3-ME-1-15-au	IP 43 Vertical TPN Distribution Board with Modular Incomer Metal door (Box only) 16 Way ( 8 + 48 way)	Nos	29831
R3-ME-1-15-av	One Module blanking Plate	Nos	7
<b>J</b>	<b>MCCB incomer and MCB outgoing Distribution Board (SP-ME-TS- 3)</b>		
<b>R3-ME-1-16</b>	<b>IP 43 &amp; IP 30 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) of of various sizes on wall/ Column/ floor mounting, with detachable gland plate, terminal connectors and other required hardware &amp; fasteners. DB shall be designed with provision for MCCB as incomer &amp; SP / TP MCB as outgoing as per requirement. (Cost of the DBs will be without MCB, MCCB). DB shall be as per IS 8623- 1 &amp; 3 / IEC 61439- 1 &amp; 3.</b>		

R3-ME-1-16-a	IP 43 4 Way MCCB DB (125/160A MCCB + 4Way TP MCB /12 Way SP MCB)	Nos	14701
R3-ME-1-16-b	IP 43 4 Way MCCB DB (250A MCCB + 4Way TP MCB /12 Way SP MCB)	Nos	27218
R3-ME-1-16-c	IP 43 8 Way MCCB DB (125/160A MCCB + 8Way TP MCB /24 Way SP MCB)	Nos	18382
R3-ME-1-16-d	IP 43 8 Way MCCB DB (250A MCCB + 8Way TP MCB /24 Way SP MCB)	Nos	31782
R3-ME-1-16-e	IP 43 12 Way MCCB DB (125/160A MCCB + 12Way TP MCB /36 Way SP MCB)	Nos	24585
R3-ME-1-16-f	IP 43 12 Way MCCB DB (250A MCCB + 12Way TP MCB /36 Way SP MCB)	Nos	33495
R3-ME-1-16-g	IP 30 Vertical TPN Distribution Board with Modular Incomer with single door (Box only) 4 Way ( MCCB + 12 way)	Nos	14765
R3-ME-1-16-h	IP 30 Vertical TPN Distribution Board with Modular Incomer with single door (Box only) 6 Way (MCCB + 18 way)	Nos	16047
R3-ME-1-16-i	IP 30 Vertical TPN Distribution Board with Modular Incomer with single door (Box only) 8 Way ( MCCB + 24 way)	Nos	17455
R3-ME-1-16-j	IP 30 Vertical TPN Distribution Board with Modular Incomer with single door (Box only) 12 Way ( MCCB + 36 way)	Nos	26204
R3-ME-1-16-k	IP 30 Vertical TPN Distribution Board with Modular Incomer with single door (Box only) 16 Way ( MCCB + 48 way)	Nos	30961
R3-ME-1-16-l	IP 43 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) 4 Way ( MCCB + 12 way)	Nos	16546
R3-ME-1-16-m	IP 43 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) 6 Way (MCCB + 18 way)	Nos	18888
R3-ME-1-16-n	IP 43 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) 8 Way ( MCCB + 24 way)	Nos	20745
R3-ME-1-16-o	IP 43 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) 12 Way ( MCCB + 36 way)	Nos	27404
R3-ME-1-16-p	IP 43 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) 16 Way ( MCCB + 48 way)	Nos	31466
<b>K</b>	<b>MCB (SP-ME-TS- 3)</b>		
<b>R3-ME-1-17</b>	<b>Unit rate of 240V/415V, 'C' Curve, 10kA, Miniature circuit breaker suitable for DB mounting complete with connection, testing &amp; commissioning etc. as required.</b>		
R3-ME-1-17-a	6A SP MCB	Nos	332
R3-ME-1-17-b	10A SP MCB	Nos	332
R3-ME-1-17-c	16A/20A SP MCB	Nos	332
R3-ME-1-17-d	32A SP MCB	Nos	334
R3-ME-1-17-e	63A SP MCB	Nos	726
R3-ME-1-17-f	6A DP MCB	Nos	992



R3-ME-1-17-g	10A DP MCB	Nos	992
R3-ME-1-17-h	16A/20A DP MCB	Nos	992
R3-ME-1-17-i	32A DP MCB	Nos	992
R3-ME-1-17-j	63A DP MCB	Nos	1596
R3-ME-1-17-k	10A TP MCB	Nos	1617
R3-ME-1-17-l	16A/20A TP MCB	Nos	1617
R3-ME-1-17-m	32A TP MCB	Nos	1617
R3-ME-1-17-n	63A TP MCB	Nos	2473
R3-ME-1-17-o	6A TPN MCB	Nos	1950
R3-ME-1-17-p	10A TPN MCB	Nos	1942
R3-ME-1-17-q	16A/20A TPN MCB	Nos	1942
R3-ME-1-17-r	32A TPN MCB	Nos	1941
R3-ME-1-17-s	63A TPN MCB	Nos	2810
R3-ME-1-17-t	10A 4P MCB	Nos	2178
R3-ME-1-17-u	16A/20A 4P MCB	Nos	2183
R3-ME-1-17-v	32A 4P MCB	Nos	2187
R3-ME-1-17-w	63A 4P MCB	Nos	3154
R3-ME-1-17-x	6A SP MCB	Nos	339
R3-ME-1-17-y	25A SP MCB	Nos	336
R3-ME-1-17-z	40A SP MCB	Nos	767
R3-ME-1-17-aa	50A SP MCB	Nos	771
R3-ME-1-17-ab	25A DP MCB	Nos	1067
R3-ME-1-17-ac	40A DP MCB	Nos	1752
R3-ME-1-17-ad	50A DP MCB	Nos	1752
R3-ME-1-17-ae	6A TP MCB	Nos	1745
R3-ME-1-17-af	25A TP MCB	Nos	1745
R3-ME-1-17-ag	40A TP MCB	Nos	2669
R3-ME-1-17-ah	50A TP MCB	Nos	2679
R3-ME-1-17-ai	6A FP MCB	Nos	2341
R3-ME-1-17-aj	25A FP MCB	Nos	2338
R3-ME-1-17-ak	40A FP MCB	Nos	3371
R3-ME-1-17-al	50A FP MCB	Nos	3350
R3-ME-1-17-am	MCB 'C' curve, 15kA -80A TP MCB	Nos	11127
R3-ME-1-17-an	MCB 'C' curve, 15kA -100A TP MCB	Nos	11851
R3-ME-1-17-ao	MCB 'C' curve, 15kA -125A TP MCB	Nos	13144
R3-ME-1-17-ap	MCB 'C' curve, 15kA -80A FP MCB	Nos	14515
R3-ME-1-17-aq	MCB 'C' curve, 15kA-100A FP MCB	Nos	15187
R3-ME-1-17-ar	MCB 'C' curve, 15kA -125A FP MCB	Nos	17083
<b>L</b>	<b>MCCB (SP-ME-TS- 3)</b>		

<b>R3-ME-1-18</b>	<b>Unit rate of 415V, 10kA/16kA, Moulded case circuit breaker with Thermal magnetic overload suitable for DB mounting complete with connection, testing &amp; commissioning etc. as required.</b>		
R3-ME-1-18-a	100A TPN MCCB	Nos	5065
R3-ME-1-18-b	125A TPN MCCB	Nos	8501
R3-ME-1-18-c	100A 4P MCCB	Nos	5084
R3-ME-1-18-d	125A 4P MCCB	Nos	8518
R3-ME-1-18-e	160A TPN MCCB	Nos	10545
R3-ME-1-18-f	160A 4P MCCB	Nos	10510
R3-ME-1-18-g	200A TPN MCCB	Nos	12415
R3-ME-1-18-h	200A 4P MCCB	Nos	8270
R3-ME-1-18-i	250A TPN MCCB	Nos	17492
R3-ME-1-18-j	250A 4P MCCB	Nos	17441
<b>M</b>	<b>MCCBs in 16SWG sheet steel metal box (SP-ME-TS- 3)</b>		
<b>R3-ME-1-19</b>	<b>MCCBs In 16 SWG CRCA sheet steel enclosure, powder coated, wall / column mounted with provision for support arrangement, 2 earthing terminal, Incoming &amp; outgoing cable terminal etc. with required hardware &amp; fasteners. All MCCBs shall be rated for 10kA, 'C' curve type. Colour shade shall be RAL 7032 Smoke gray as per IS 5. IP 43 Enclosure.</b>		
R3-ME-1-19-a	16/32 Amp. DP MCB	Nos	3049
R3-ME-1-19-b	16/32 Amp. TPN MCB	Nos	4281
R3-ME-1-19-c	63 Amp. TPN MCB	Nos	5271
R3-ME-1-19-d	20Amp SP MCB with 20A ray roll type, 3pin plug & socket with cap & chain etc.	Nos	2175
R3-ME-1-19-e	32Amp TPN MCB with 32A ray roll type, 5pin plug & socket with cap & chain etc.	Nos	6904
R3-ME-1-19-f	40A to 63A DP MCB	Nos	3656
R3-ME-1-19-g	20Amp TP/TPN MCB with 20A ray roll type, 3pin plug & socket with cap & chain etc.	Nos	5349
<b>N</b>	<b>16SWG GI Junction Box Complete with Earthing terminal, Interconnection &amp; wiring (SP-ME-TS- 5)</b>		
<b>R3-ME-1-20</b>	<b>16 SWG G I Junction Box of various sizes For loop in loop out cables. Junction box shall have suitable Nos. of kNosck out for incoming &amp; outgoing cables. Cables shall be terminated in 10A heavy duty connector. Cost of the connector shall be included in the cost of Junction box. Colour shade shall be RAL 7032 Siemens gray as per IS 5. (IP55)</b>		
R3-ME-1-20-a	50mm x 50mm x 50mm size GI Junction box with kNosck out & 10Amp. Connector block /strip	Nos	129

R3-ME-1-20-b	100mm x 100mm x 50mm size GI Junction box with kNosck out & 10Amp. Connector block /strip	Nos	129
R3-ME-1-20-c	75mm x 75mm x 75mm size GI Junction box with kNosck out & 1 Nos. 5Amp. SP switch for local ON, OFF operation	Nos	165
R3-ME-1-20-d	100mm x 100mm x 50mm size GI Junction box with kNosck out & 1 Nos. 5Amp. SP switch for local ON, OFF operation	Nos	129
R3-ME-1-20-e	100mm x 100mm x 50mm size GI Junction box with kNosck out & 1 Nos. 5Amp. SP switch & 5 Amp. Three Pin Socket for local Isolation	Nos	129
R3-ME-1-20-f	150mm x 100mm x 75mm size GI Junction box with kNosck out & 15Amp. SP switch & 15Amp. Three pin socket with fuse unit etc.	Nos	230
R3-ME-1-20-g	150mm x 100mm x 75mm size with GI Junction box with kNosck out & 15Amp. Common SP switch & 5/15Amp. combined socket with fuse unit etc.	Nos	230
R3-ME-1-20-h	200mm x 150mm x 75mm size with GI Junction box with kNosck out & 1Nos. 15Amp. SP switch & 15Amp. Three pin socket & 5Amp. SP switch & 5Amp. 3Pin socket with fuse unit etc.	Nos	386
<b>R3-ME-1-21</b>	<b>Sheet Moulding compound (SMC) Junction Box, for Outdoor Use (SP-ME-TS- 5)</b>		
R3-ME-1-21-a	SMCJB - 1414, Hinged cover, Size 170 x 170 x 105mm	Nos	1281
R3-ME-1-21-b	SMCJB - 1510, Removable cover, Size 195 x 140 x 65mm	Nos	942
R3-ME-1-21-c	SMCJB - 1816, Removable cover, Size 225 x 205 x 65mm	Nos	1139
R3-ME-1-21-d	SMCJB - 2818, Removable cover, Size 320 x 220 x 65mm	Nos	2441
<b>R3-ME-1-22</b>	<b>Starter for Motors : (Complete with Interconnections &amp; Wiring) (SP-ME-TS- 1): Following rating starters. Enclosure for starter shall be Corrosion resistant powder coated CRCA enclosure with IP54 protection class shall be suitable for chemical factories, polluted industrial and dusty agricultural environment. Starters shall be provided with terminal block with proper terminal marking for ease of wiring. Terminal block can accommodate both aluminum &amp; copper cables. Starter shall be provided with ON / OFF Indication lamps and Start / Stop Push buttons. Components for motor starter shall have type 2 co-ordination compliance and built in single phase protection. Colour shade shall be RAL 7032 smoke gray as per IS 5.</b>		
R3-ME-1-22-a	Single Phase DOL starter, fractional H.P To 1 H.P	Nos	1489
R3-ME-1-22-b	3 Ph. DOL Starter for 2 to 5 H.P	Nos	2369
R3-ME-1-22-c	Automatic Star Delta Starter for 5 H.P to 15 H.P	Nos	8732
R3-ME-1-22-d	Automatic Star Delta Starter for 20 H.P	Nos	9537

R3-ME-1-22-e	Automatic Star Delta Starter for 25 H.P	Nos	10654
R3-ME-1-22-f	Automatic Star Delta Starter for 30 H.P	Nos	15792
R3-ME-1-22-g	Automatic Star Delta Starter for 35 H.P	Nos	15721
R3-ME-1-22-h	Automatic Star Delta Starter for 50 H.P	Nos	22013
R3-ME-1-22-i	Automatic Star Delta Starter for 75 H.P	Nos	38322
R3-ME-1-22-j	Automatic Star Delta Starter for 100 H.P	Nos	54239
R3-ME-1-22-k	3- Ph DOL Starter for 7.5 HP	Nos	3133
R3-ME-1-22-l	3- Ph DOL Starter for 10 HP	Nos	5464
R3-ME-1-22-m	Automatic Star - delta starters for 12.5 HP	Nos	11633
R3-ME-1-22-n	Automatic Star - delta starters for 15.0 HP	Nos	11658
R3-ME-1-22-o	Automatic Star - delta starters for 40 HP	Nos	28762
R3-ME-1-22-p	Automatic Star - delta starters for 90 HP	Nos	83817
<b>O</b>	<b>Power Capacitor : (3Ph. - 440V) (SP-ME-TS- 2)</b>		
<b>R3-ME-1-23</b>	<b>APP TYPE Capacitor Bank for APFC Panel - suitable for 415/440V, 3 Ph. 50Hz AC supply. Power capacitor shall be conforming to IS 2834-1981. The capacitor shall be installed in separate compartment &amp; shall be provided with isolator &amp; HRC fuse of required rating.</b>		
R3-ME-1-23-a	APP TYPE Capacitor Bank for APFC Panel -1 KVAR	Nos	495
R3-ME-1-23-b	APP TYPE Capacitor Bank for APFC Panel -1.5 KVAR	Nos	1065
R3-ME-1-23-c	APP TYPE Capacitor Bank for APFC Panel -2 KVAR	Nos	1046
R3-ME-1-23-d	APP TYPE Capacitor Bank for APFC Panel -2.5 KVAR	Nos	1775
R3-ME-1-23-e	APP TYPE Capacitor Bank for APFC Panel -3 KVAR	Nos	1494
R3-ME-1-23-f	APP TYPE Capacitor Bank for APFC Panel -3.5 KVAR	Nos	2485
R3-ME-1-23-g	APP TYPE Capacitor Bank for APFC Panel -4 KVAR	Nos	2092
R3-ME-1-23-h	APP TYPE Capacitor Bank for APFC Panel -4.5 KVAR	Nos	2842
R3-ME-1-23-i	APP TYPE Capacitor Bank for APFC Panel -5 KVAR	Nos	2446
R3-ME-1-23-j	APP TYPE Capacitor Bank for APFC Panel -6 KVAR	Nos	6097
R3-ME-1-23-k	APP TYPE Capacitor Bank for APFC Panel -7 KVAR	Nos	3564
R3-ME-1-23-l	APP TYPE Capacitor Bank for APFC Panel -8 KVAR	Nos	8115
R3-ME-1-23-m	APP TYPE Capacitor Bank for APFC Panel -9 KVAR	Nos	9131
R3-ME-1-23-n	APP TYPE Capacitor Bank for APFC Panel -10 KVAR	Nos	4712
R3-ME-1-23-o	APP TYPE Capacitor Bank for APFC Panel -11 KVAR	Nos	11147
R3-ME-1-23-p	APP TYPE Capacitor Bank for APFC Panel -12 KVAR	Nos	5883
R3-ME-1-23-q	APP TYPE Capacitor Bank for APFC Panel -17 KVAR	Nos	9419
<b>R3-ME-1-24</b>	<b>Condenser : ( 1 Ph. 230V)</b>		
R3-ME-1-24-a	Condenser : ( 1 Ph. 230V) 3.15 mfd / 3.5 mfd (For Ceiling Fan)	Nos	71
R3-ME-1-24-b	Condenser : ( 1 Ph. 230V) 2.5 mfd ( For Single tube light fitting)	Nos	55
R3-ME-1-24-c	Condenser : ( 1 Ph. 230V) 4.5 mfd ( For Double tube light fitting)	Nos	144

<b>P</b>	<b>Earth Leakage circuit Breaker / Residual Current circuit Breaker (SP-ME-TS- 4)</b>		
<b>R3-ME-1-25</b>	<b>ELCBs In 16 SWG CRCA sheet steel enclosure, powder coated, wall / column mounted with provision for support arrangement, 2 earthing terminal, Incoming &amp; outgoing cable terminal etc. Colour shade shall be RAL 7032 Smoke gray as per IS 5.</b>		
	<b>With 100mA Sensitivity</b>		
R3-ME-1-25-a	ELCB with 100mA Sensitivity 16Amp. 2Pole	Nos	4188
R3-ME-1-25-b	ELCB with 100mA Sensitivity 25Amp. 2Pole	Nos	4337
R3-ME-1-25-c	ELCB with 100mA Sensitivity 40Amp. 2Pole	Nos	4885
R3-ME-1-25-c1	ELCB with 100mA Sensitivity 63 Amps, 2 pole	Nos	5832
R3-ME-1-25-d	ELCB with 100mA Sensitivity 16Amp. 4Pole	Nos	5158
R3-ME-1-25-e	ELCB with 100mA Sensitivity 25Amp. 4Pole	Nos	5621
R3-ME-1-25-f	ELCB with 100mA Sensitivity 40Amp. 4Pole	Nos	5691
R3-ME-1-25-g	ELCB with 100mA Sensitivity 63Amp. 4Pole	Nos	6451
	<b>With 30mA Sensitivity</b>		
R3-ME-1-25-h	ELCB with 30mA Sensitivity 25Amp. 2Pole	Nos	4183
R3-ME-1-25-i	ELCB with 30mA Sensitivity 40Amp. 2Pole	Nos	4661
R3-ME-1-25-i1	ELCB with 30mA Sensitivity 63 Amps, 2 pole	Nos	5690
R3-ME-1-25-j	ELCB with 30mA Sensitivity 25Amp. 4Pole	Nos	5315
R3-ME-1-25-k	ELCB with 30mA Sensitivity 40Amp. 4Pole	Nos	5485
R3-ME-1-25-l	ELCB with 30mA Sensitivity 63Amp. 4Pole	Nos	6188
	<b>With 300mA Sensitivity</b>		
R3-ME-1-25-m	ELCB with 300mA Sensitivity 25Amp. 2Pole	Nos	4354
R3-ME-1-25-n	ELCB with 300mA Sensitivity 40Amp. 2Pole	Nos	4902
R3-ME-1-25-t	ELCB with 300mA Sensitivity 63 Amps, 2 pole	Nos	5852
R3-ME-1-25-o	ELCB with 300mA Sensitivity 25Amp. 4Pole	Nos	5640
R3-ME-1-25-p	ELCB with 300mA Sensitivity 40Amp. 4Pole	Nos	5714
R3-ME-1-25-q	ELCB with 300mA Sensitivity 63Amp. 4Pole	Nos	6479
	<b>With 30 mA sensitivity</b>		
R3-ME-1-25-r	ELCB with 30 mA sensitivity 16 A , 2 pole	Nos	4288
R3-ME-1-25-s	ELCB with 30 mA sensitivity 100 A , 2 pole	Nos	9692
R3-ME-1-25-t	ELCB with 30 mA sensitivity 16 A , 4 pole	Nos	5322
R3-ME-1-25-u	ELCB with 30 mA sensitivity 100 A , 4 pole	Nos	10643
	<b>With 100 mA sensitivity</b>		
R3-ME-1-25-v	ELCB with 100 mA sensitivity 100 A , 2 pole	Nos	9833
R3-ME-1-25-w	ELCB with 100 mA sensitivity 100 A , 4 pole	Nos	10840
	<b>With 300 mA sensitivity</b>		
R3-ME-1-25-x	ELCB with 300 mA sensitivity 16 A , 2 pole	Nos	4211
R3-ME-1-25-y	ELCB with 300 mA sensitivity 100 A , 2 pole	Nos	9833

R3-ME-1-25-z	ELCB with 300 mA sensitivity 16 A , 4 pole	Nos	5188
R3-ME-1-25-aa	ELCB with 300 mA sensitivity 100 A , 4 pole	Nos	10840
<b>Q</b>	<b>Earth fault modules (SP-ME-TS- 3)</b>		
<b>R3-ME-1-26</b>	<b>Earth Fault Modules for following rating suitable for 4 Pole MCCB separately with CBCT, ELR &amp; Shunt trip coil In 16 SWG CRCA sheet steel enclosure, powder coated, wall / column mounted with provision for support arrangement, 2 earthing terminal, Incoming &amp; outgoing cable terminal etc. Colour shade shall be RAL 7032 Smoke gray as per IS 5. (Cabling / wiring Earth fault module to MCCB shall be in contractors scope) Adjustable earth fault sensitivity selection 10 to 60%, Adjustable time delay Inst/ 0.5 - 3 sec., System healthiness check through LED indication, Suitable for 3P3W &amp; 3P4W electrical distribution network, Compliance to IEC60947-2.</b>		
R3-ME-1-26-a	Earth fault modules 32A	Nos	15481
R3-ME-1-26-b	Earth fault modules 40A	Nos	15481
R3-ME-1-26-c	Earth fault modules 63A	Nos	15481
R3-ME-1-26-d	Earth fault modules 100A	Nos	15481
R3-ME-1-26-e	Earth fault modules 125A	Nos	18124
R3-ME-1-26-f	Earth fault modules 160A	Nos	23205
R3-ME-1-26-g	Earth fault modules 200A	Nos	26152
R3-ME-1-26-h	Earth fault modules 250A	Nos	38102
R3-ME-1-26-i	Earth fault modules 400A	Nos	53761
R3-ME-1-26-j	Earth fault modules 630A	Nos	59942
<b>R</b>	<b>Pump Panel (SP-ME-TS- 1)</b>		
<b>R3-ME-1-27</b>	<b>Design, fabrication, assembly, supply, installation, testing &amp; commissioning of Pump panel suitable for 415V, 3Ph. 4 wire system. Pump panel shall be wall mounted &amp; shall be fabricated from 1.6mm thick CRCA sheet steel. Pump panel shall be earthed with 8/10 swg earth wire. Colour shade shall be RAL 7032 Siemens gray as per IS 5.</b>		
R3-ME-1-27-a	415V Pump panel with 63A MCCB as incomer with phase indicator and ammeter & voltmeter with selector switches, 2Nos. Of 25A MPCB with DOL Starter, local push button station & contactor of required rating as outgoing.	Nos	92012
R3-ME-1-27-b	415V Pump panel with 100A MCCB as incomer with phase indicator and ammeter & voltmeter with selector switches, 2Nos. Of 32A MCB with Star delta Starter, local push button station & contactor of required rating as outgoing.	Nos	106853
<b>S</b>	<b>Distribution Panel (SP-ME-TS- 1)</b>		

<b>R3-ME-1-28</b>	<b>Main Distribution Panel suitable for 415V, 3 Ph., 4Wire supply system. Panels shall be indoor type, free standing, metal enclosed, degree of protection minimum IP 43 certified, free standing, single front, compartmentalised fabricated with 2mm CRCA sheet steel for all doors, partitions and covers and 2.5mm CRCA sheet steel. Panels shall conform to FORM 3b enclosure as per IEC 60439 part I. Busbar shall be sleeved with black heat shrinkable PVC sleeves. Colour shade shall be RAL 7032 smoke gray as per IS 5.</b>		
R3-ME-1-28-a	415V Main Distribution Panel 1 short circuit reating 50kA for 1 Sec. 250A (Thermal magnetic overload, short circuit releaseMCCB with rotary operating mechanism as incomer with digital ammeter, voltmeter with selector switches, phase indicating lamp with required accessories, 1Nos. 32A, 63A, 1Nos. 80A, 2Noss. Of 100A, 1Nos. 160A & 2Noss. 200A (total 8Noss.) MCCB of short circuit rating 25kA for 1 sec. as outgoings.	Nos	407708
R3-ME-1-28-b	415V Main Distribution Panel 1 short circuit reating 50kA for 1 Sec. 400A (Thermal magnetic overload, short circuit release) MCCB with rotary operating mechanism as incomer with digital ammeter, voltmeter with selector switches, phase indicating lamp with required accessories, 1Nos. 63A, 1Nos. 80A, 2Noss. Of 100A, 2Noss. 160A & 2Noss. 200A (total 8Noss.) MCCB of short circuit rating 25kA for 1 sec. as outgoings.	Nos	527924
R3-ME-1-28-c	415V Main Distribution Panel 1 short circuit reating 50kA for 1 Sec. 630A (Thermal magnetic overload, short circuit release & earth leakage module) MCCB with rotary operating mechanism as incomer with digital ammeter, voltmeter with selector switches, phase indicating lamp with required accessories, 1Nos. 63A, 3Noss. Of 100A, 2Noss. 160A & 200A (total 8Noss.) MCCB of short circuit rating 25kA for 1 sec. as outgoings.	Nos	583120
R3-ME-1-28-d	415V Main Distribution Panel 1 short circuit reating 50kA for 1 Sec. 800A (Thermal magnetic overload, short circuit release & earth leakage module) MCCB with rotary operating mechanism as incomer with digital ammeter, voltmeter with selector switches, phase indicating lamp with required accessories, 1Nos. 63A, 3Noss. Of 100A, 2Noss. 160A & 2 Nos 200A (total 8Noss.) MCCB of short circuit rating 25kA for 1 sec. as outgoings.	Nos	584914
<b>R3-ME-1-29</b>	<b>APFC Panel (SP-ME-TS- 2)</b>		

R3-ME-1-29-a	Automatic Power Factor Corrector Panel (APFC) above 30KVAR only.	KVA	4180
<b>R3-ME-1-30</b>	<b>WOODEN ITEMS:</b>		
R3-ME-1-30-a	Supply and fixing 12 mm thick Marine Ply Plank	SQM	1647
R3-ME-1-30-b	Supply and fixing 20 mm thick Marine Ply Plank	SQM	1813
R3-ME-1-30-c	Supply and fixing T. W.batten 25 mm x 40 mm.	Mtr	79
R3-ME-1-30-d	Wooden box made out of 15 mm. thick commercial plywood with sunmica front door and 20 mm. Thick marine ply at the back dully varnished and by using heavy duty hinges, locking arrangement, danger board, etc. The depth of box shall be 450 mm. Door half cover shall be grounded with G. I. Wiremesh of 20/22swg.	CUM	17062
R3-ME-1-30-e	Wooden box without back made out of 15 mm. thick commercial plywood dully varnished & with sunmica front door and by using heavy duty hinges, locking arrangement, danger board, etc.	CUM	11984
R3-ME-1-30-f	Marine Ply service cupboard made from 20 mm. thick Marine Ply. planks and 150 mm/200 mm. wide planks (panels) fixed on Marine Ply frame 25 x 40 mm. size (Marine Ply batten) and by using heavy duty hinges of stainless steel and locking arrangement for front doors danger board etc. Entire Marine Ply cupboard shall be dully varnished as per approved manner.	CUM	22959
R3-ME-1-30-g	Marine Ply service cupboard without back made from 12 mm. thick Marine Ply planks and 150 mm / 200 mm. wide planks (panels) fixed on Marine Ply. frame 25 x 40 mm. size (Marine Ply. batten) and by using heavy duty hinges of stainless steel and locking arrangement for front doors danger board etc. Entire Marine Ply cupboard shall be dully varnished as per approved manner.	CUM	19140
R3-ME-1-30-h	Marine Ply Service cupboard made from 12 mm thick Marine Ply planks and 150/200 mm. Wide panels (plank) fixed on 25 X 40 mm. size (Marine Ply batten) and 20 mm. thickness for back plank using heavy duty hinges of stainless steel & locking arrangements etc. but front half cover in G.I.wire mesh of 20/22 SWG. Entire Marine Ply. Cupboard shall be dully varnished as per approved manner	CUM	19229



R3-ME-1-30-i	Marine Ply. Service cupboard without back, made from 12 mm thick Marine Ply planks and 150 / 200 mm. Wide panels (plank) fixed on 25 X 40 mm. size (Marine Ply batten) using heavy duty stainless steel hinges & locking arrangements but front half cover in G.I.wire mesh of 20 / 22 SWG but without back. Entire Marine Ply cupboard shall be dully varnished as per approved manner.	CUM	15383
<b>R3-ME-1-31</b>	<b>SUPPLY &amp; INSTALLATION OF ANGLE IRON FRAME WORK (TS-7)</b>		
R3-ME-1-31-a	25 x 25 x 3 mm of M.S.angle.	Mtr	156
R3-ME-1-31-b	40 x 40 x 5 mm of M.S.angle.	Mtr	427
R3-ME-1-31-c	50 x 50 x 6 mm of M.S.angle.	Mtr	639
	<b>Flat bars</b>		
R3-ME-1-31-d	Flat bars 25 mm x 3 mm thick.	Mtr	94
R3-ME-1-31-e	Flat bars 40 mm x 5 mm thick.	Mtr	283
R3-ME-1-31-f	Flat bars 50 mm x 6 mm thick.	Mtr	367

<b>GROUP B- CABLES, EXCAVATION, GI CABLE TRAY ACCESSORIES</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final Rate (Excluding GST )</b>
<b>Cables</b>	<b>Cables : Supply &amp; laying " XLPE cables" on walls or through existing trenches etc. (SP-ME-TS- 6): LV Cables of following sizes to be laid buried in ground/ laid in cable trays in ready made trenches, cables shall be fitted on wall / ceiling by the means of saddle &amp; spacers. Miscellaneous items such as cable dressing accessories like nylon tie, Aluminium clamps, GI cleats, cable tags etc. are included in the scope. Removal of empty drums, cartoons and making the site normal as instructed by Purchaser client is included in scope.</b>		
<b>R3-ME-2-1</b>	<b>1.1 kV grade stranded Al conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables</b>		
R3-ME-2-1-a	1 <sup>st</sup> category Al conductor armoured cables FRLS outer sheathed- 2C x 2.5 Sq.mm	Mtr	60
R3-ME-2-1-b	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 2C x 4.0 Sq.mm	Mtr	69
R3-ME-2-1-c	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 2C x 6.0 Sq.mm	Mtr	83
R3-ME-2-1-d	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 2C x 10 Sq.mm	Mtr	101
R3-ME-2-1-e	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 2C x 16 Sq.mm	Mtr	145
R3-ME-2-1-f	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 2C x 25 Sq.mm	Mtr	164
R3-ME-2-1-g	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3C x 2.5 Sq.mm	Mtr	67
R3-ME-2-1-h	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3C x 4.0 Sq.mm	Mtr	78
R3-ME-2-1-i	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3C x 6.0 Sq.mm	Mtr	96
R3-ME-2-1-j	1 <sup>st</sup> category Al conductor armoured cables FRLS outer sheathed- 3C x 10 Sq.mm	Mtr	120

R3-ME-2-1-k	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3C x 16 Sq.mm	Mtr	158
R3-ME-2-1-l	1 <sup>st</sup> category Al r armoured cables FRLS outer sheathed- 3C x 25 Sq.mm	Mtr	205
R3-ME-2-1-m	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3C x 35 Sq.mm	Mtr	268
R3-ME-2-1-n	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3C x 50 Sq.mm	Mtr	350
R3-ME-2-1-o	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 4C x 2.5 Sq.mm	Mtr	78
R3-ME-2-1-p	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 4C x 4.0 Sq.mm	Mtr	91
R3-ME-2-1-q	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 4C x 6.0 Sq.mm	Mtr	111
R3-ME-2-1-r	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 4C x 10 Sq.mm	Mtr	164
R3-ME-2-1-s	1 <sup>st</sup> category Al r armoured cables FRLS outer sheathed- 4C x 16 Sq.mm	Mtr	195
R3-ME-2-1-t	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 4C x 25 Sq.mm	Mtr	254
R3-ME-2-1-u	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 35 Sq.mm	Mtr	294
R3-ME-2-1-v	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 50 Sq.mm	Mtr	390
R3-ME-2-1-w	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 70 Sq.mm	Mtr	510
R3-ME-2-1-x	1 <sup>st</sup> category Al r armoured cables FRLS outer sheathed- 3.5C x 95 Sq.mm	Mtr	636
R3-ME-2-1-y	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 120 Sq.mm	Mtr	792
R3-ME-2-1-z	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 150 Sq.mm	Mtr	922
R3-ME-2-1-aa	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 185 Sq.mm	Mtr	1167
R3-ME-2-1-ab	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 240 Sq.mm	Mtr	1485
R3-ME-2-1-ac	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x300 Sq.mm	Mtr	1807

R3-ME-2-1-ad	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 400 Sq.mm	Mtr	2324
R3-ME-2-1-ae	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 500 Sq.mm	Mtr	2982
R3-ME-2-1-af	1 <sup>st</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 630 Sq.mm	Mtr	4065
<b>R3-ME-2-2</b>	<b>1.1 kV grade stranded Al conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables</b>		
R3-ME-2-2-a	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed-2C x 2.5 Sq.mm	Mtr	54
R3-ME-2-2-b	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 2C x 4.0 Sq.mm	Mtr	62
R3-ME-2-2-c	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 2C x 6.0 Sq.mm	Mtr	75
R3-ME-2-2-d	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 2C x 10 Sq.mm	Mtr	91
R3-ME-2-2-e	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 2C x 16 Sq.mm	Mtr	109
R3-ME-2-2-f	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 2C x 25 Sq.mm	Mtr	123
R3-ME-2-2-g	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 2.5 Sq.mm	Mtr	60
R3-ME-2-2-h	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 4.0 Sq.mm	Mtr	71
R3-ME-2-2-i	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 6.0 Sq.mm	Mtr	86
R3-ME-2-2-j	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 10 Sq.mm	Mtr	108
R3-ME-2-2-k	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 16 Sq.mm	Mtr	118
R3-ME-2-2-l	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 25 Sq.mm	Mtr	154
R3-ME-2-2-m	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 35 Sq.mm	Mtr	201
R3-ME-2-2-n	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3C x 50 Sq.mm	Mtr	263
R3-ME-2-2-o	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 4C x 2.5 Sq.mm	Mtr	70

R3-ME-2-2-p	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 4C x 4.0 Sq.mm	Mtr	82
R3-ME-2-2-q	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 4C x 6.0 Sq.mm	Mtr	100
R3-ME-2-2-r	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 4C x 10 Sq.mm	Mtr	148
R3-ME-2-2-s	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 4C x 16 Sq.mm	Mtr	146
R3-ME-2-2-t	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 4C x 25 Sq.mm	Mtr	190
R3-ME-2-2-u	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 35 Sq.mm	Mtr	221
R3-ME-2-2-v	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 50 Sq.mm	Mtr	293
R3-ME-2-2-w	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 70 Sq.mm	Mtr	382
R3-ME-2-2-x	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 95 Sq.mm	Mtr	477
R3-ME-2-2-y	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 120 Sq.mm	Mtr	594
R3-ME-2-2-z	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 150 Sq.mm	Mtr	691
R3-ME-2-2-aa	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 185 Sq.mm	Mtr	875
R3-ME-2-2-ab	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 240 Sq.mm	Mtr	1114
R3-ME-2-2-ac	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x300 Sq.mm	Mtr	1355
R3-ME-2-2-ad	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 400 Sq.mm	Mtr	1743
R3-ME-2-2-ae	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 500 Sq.mm	Mtr	2236
R3-ME-2-2-af	2 <sup>nd</sup> category Al armoured cables FRLS outer sheathed- 3.5C x 630 Sq.mm	Mtr	3049
<b>R3-ME-2-3</b>	<b>1.1 kV grade stranded Cu conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables (SP-ME-TS- 6)</b>		
R3-ME-2-3-a	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed-2C x 1.5 Sq.mm	Mtr	84

R3-ME-2-3-b	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3C x 1.5 Sq.mm	Mtr	104
R3-ME-2-3-c	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 1.5 Sq.mm	Mtr	126
R3-ME-2-3-d	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 6C x 1.5 Sq.mm	Mtr	171
R3-ME-2-3-e	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 2C x 2.5 Sq.mm	Mtr	115
R3-ME-2-3-f	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3C x 2.5 Sq.mm	Mtr	142
R3-ME-2-3-g	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 2.5 Sq.mm	Mtr	178
R3-ME-2-3-h	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 6C x 2.5 Sq.mm	Mtr	253
R3-ME-2-3-i	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 2C x 4 Sq.mm	Mtr	149
R3-ME-2-3-j	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3C x 4 Sq.mm	Mtr	197
R3-ME-2-3-k	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 4 Sq.mm	Mtr	255
R3-ME-2-3-l	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 6C x 4 Sq.mm	Mtr	377
R3-ME-2-3-m	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 2C x 6 Sq.mm	Mtr	204
R3-ME-2-3-n	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3C x 6 Sq.mm	Mtr	275
R3-ME-2-3-o	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 6 Sq.mm	Mtr	370
R3-ME-2-3-p	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 6C x 6 Sq.mm	Mtr	589
R3-ME-2-3-q	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 2C x 10 Sq.mm	Mtr	309
R3-ME-2-3-r	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3C x 10 Sq.mm	Mtr	421
R3-ME-2-3-s	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 10 Sq.mm	Mtr	621
R3-ME-2-3-u	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 16 Sq.mm	Mtr	918

R3-ME-2-3-v	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 4C x 25 Sq.mm	Mtr	1213
R3-ME-2-3-w	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 35 Sq.mm	Mtr	1489
R3-ME-2-3-x	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 50 Sq.mm	Mtr	2102
R3-ME-2-3-y	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 70 Sq.mm	Mtr	2955
R3-ME-2-3-z	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 95 Sq.mm	Mtr	4164
R3-ME-2-3-aa	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed-3.5C x 120 Sq.mm	Mtr	5255
R3-ME-2-3-ab	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 150 Sq.mm	Mtr	6396
R3-ME-2-3-ac	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 185 Sq.mm	Mtr	8080
R3-ME-2-3-ad	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 240 Sq.mm	Mtr	10471
R3-ME-2-3-ae	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 300 Sq.mm	Mtr	13089
R3-ME-2-3-af	1 <sup>st</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 400 Sq.mm	Mtr	17511
<b>R3-ME-2-4</b>	<b>1.1 kV grade stranded Cu conductor, XLPE insulated, extruded PVC inner and FRLS outer sheathed, galvanised steel round or strip armoured cables (SP-ME-TS- 6)</b>		
R3-ME-2-4-a	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 2C x 1.5 Sq.mm	Mtr	75
R3-ME-2-4-b	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3C x 1.5 Sq.mm	Mtr	94
R3-ME-2-4-c	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 1.5 Sq.mm	Mtr	113
R3-ME-2-4-d	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 6C x 1.5 Sq.mm	Mtr	154
R3-ME-2-4-e	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 2C x 2.5 Sq.mm	Mtr	104
R3-ME-2-4-f	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3C x 2.5 Sq.mm	Mtr	128
R3-ME-2-4-g	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 2.5 Sq.mm	Mtr	160

R3-ME-2-4-h	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 6C x 2.5 Sq.mm	Mtr	227
R3-ME-2-4-i	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 2C x 4 Sq.mm	Mtr	134
R3-ME-2-4-j	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3C x 4 Sq.mm	Mtr	177
R3-ME-2-4-k	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 4 Sq.mm	Mtr	229
R3-ME-2-4-l	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 6C x 4 Sq.mm	Mtr	339
R3-ME-2-4-m	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 2C x 6 Sq.mm	Mtr	184
R3-ME-2-4-n	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3C x 6 Sq.mm	Mtr	247
R3-ME-2-4-o	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 6 Sq.mm	Mtr	333
R3-ME-2-4-p	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 6C x 6 Sq.mm	Mtr	383
R3-ME-2-4-q	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 2C x 10 Sq.mm	Mtr	278
R3-ME-2-4-r	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3C x 10 Sq.mm	Mtr	379
R3-ME-2-4-s	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 10 Sq.mm	Mtr	559
R3-ME-2-4-u	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 16 Sq.mm	Mtr	658
R3-ME-2-4-v	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 4C x 25 Sq.mm	Mtr	910
R3-ME-2-4-w	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 35 Sq.mm	Mtr	1117
R3-ME-2-4-x	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 50 Sq.mm	Mtr	1577
R3-ME-2-4-y	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 70 Sq.mm	Mtr	2216
R3-ME-2-4-z	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 95 Sq.mm	Mtr	3123
R3-ME-2-4-aa	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 120 Sq.mm	Mtr	3941



R3-ME-2-4-ab	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 150 Sq.mm	Mtr	4797
R3-ME-2-4-ac	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 185 Sq.mm	Mtr	6060
R3-ME-2-4-ad	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 240 Sq.mm	Mtr	7853
R3-ME-2-4-ae	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 300 Sq.mm	Mtr	9816
R3-ME-2-4-af	2 <sup>nd</sup> category Cu armoured cables FRLS outer sheathed- 3.5C x 400 Sq.mm	Mtr	13133
<b>R3-ME-2-3a</b>	<b>1.1 kV grade stranded Cu conductor, XLPE insulated, extruded PVC inner and outer sheathed FRLSHZ, galvanised steel round or strip armoured cables (SP-ME-TS- 6)</b>		
R3-ME-2-3a-a	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 1.5 Sq.mm	Mtr	92
R3-ME-2-3a-b	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 1.5 Sq.mm	Mtr	114
R3-ME-2-3a-c	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 1.5 Sq.mm	Mtr	138
R3-ME-2-3a-d	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 1.5 Sq.mm	Mtr	188
R3-ME-2-3a-e	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 2.5 Sq.mm	Mtr	126
R3-ME-2-3a-f	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 2.5 Sq.mm	Mtr	157
R3-ME-2-3a-g	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 2.5 Sq.mm	Mtr	195
R3-ME-2-3a-h	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 2.5 Sq.mm	Mtr	277
R3-ME-2-3a-i	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 4 Sq.mm	Mtr	164
R3-ME-2-3a-j	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 4 Sq.mm	Mtr	216
R3-ME-2-3a-k	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 4 Sq.mm	Mtr	280
R3-ME-2-3a-l	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 4 Sq.mm	Mtr	414
R3-ME-2-3a-m	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 6 Sq.mm	Mtr	225

R3-ME-2-3a-n	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 6 Sq.mm	Mtr	302
R3-ME-2-3a-o	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 6 Sq.mm	Mtr	407
R3-ME-2-3a-p	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 6 Sq.mm	Mtr	647
R3-ME-2-3a-q	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 10 Sq.mm	Mtr	357
R3-ME-2-3a-r	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 10 Sq.mm	Mtr	487
R3-ME-2-3a-s	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 10 Sq.mm	Mtr	703
R3-ME-2-3a-u	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 16 Sq.mm	Mtr	1040
R3-ME-2-3a-v	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 25 Sq.mm	Mtr	1402
R3-ME-2-3a-w	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 35 Sq.mm	Mtr	1721
R3-ME-2-3a-x	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 50 Sq.mm	Mtr	2430
R3-ME-2-3a-y	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 70 Sq.mm	Mtr	3415
R3-ME-2-3a-z	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 95 Sq.mm	Mtr	4812
R3-ME-2-3a-aa	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 120 Sq.mm	Mtr	6073
R3-ME-2-3a-ab	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 150 Sq.mm	Mtr	7392
R3-ME-2-3a-ac	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 185 Sq.mm	Mtr	9338
R3-ME-2-3a-ad	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 240 Sq.mm	Mtr	12100
R3-ME-2-3a-ae	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 300 Sq.mm	Mtr	15126
R3-ME-2-3a-af	1 <sup>st</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 400 Sq.mm	Mtr	20237
<b>R3-ME-2-4a</b>	<b>1.1 kV grade stranded Cu conductor, XLPE insulated, extruded PVC inner and outer sheathed FRLSHZ, galvanised steel round or strip armoured cables (SP-ME-TS- 6)</b>		

R3-ME-2-4a-a	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 1.5 Sq.mm	Mtr	83
R3-ME-2-4a-b	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 1.5 Sq.mm	Mtr	103
R3-ME-2-4a-c	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 1.5 Sq.mm	Mtr	124
R3-ME-2-4a-d	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 1.5 Sq.mm	Mtr	169
R3-ME-2-4a-e	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 2.5 Sq.mm	Mtr	114
R3-ME-2-4a-f	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 2.5 Sq.mm	Mtr	141
R3-ME-2-4a-g	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 2.5 Sq.mm	Mtr	176
R3-ME-2-4a-h	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 2.5 Sq.mm	Mtr	250
R3-ME-2-4a-i	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 4 Sq.mm	Mtr	148
R3-ME-2-4a-j	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 4 Sq.mm	Mtr	194
R3-ME-2-4a-k	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 4 Sq.mm	Mtr	252
R3-ME-2-4a-l	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 4 Sq.mm	Mtr	373
R3-ME-2-4a-m	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 6 Sq.mm	Mtr	202
R3-ME-2-4a-n	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 6 Sq.mm	Mtr	272
R3-ME-2-4a-o	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 6 Sq.mm	Mtr	366
R3-ME-2-4a-p	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 6 Sq.mm	Mtr	582
R3-ME-2-4a-q	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 2C x 10 Sq.mm	Mtr	321
R3-ME-2-4a-r	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3C x 10 Sq.mm	Mtr	438
R3-ME-2-4a-s	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 10 Sq.mm	Mtr	527

R3-ME-2-4a-t	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 6C x 10 Sq.mm	Mtr	715
R3-ME-2-4a-u	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 16 Sq.mm	Mtr	780
R3-ME-2-4a-v	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 4C x 25 Sq.mm	Mtr	1051
R3-ME-2-4a-w	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 35 Sq.mm	Mtr	1291
R3-ME-2-4a-x	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 50 Sq.mm	Mtr	1822
R3-ME-2-4a-y	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 70 Sq.mm	Mtr	2561
R3-ME-2-4a-z	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 95 Sq.mm	Mtr	3609
R3-ME-2-4a-aa	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 120 Sq.mm	Mtr	4555
R3-ME-2-4a-ab	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 150 Sq.mm	Mtr	5544
R3-ME-2-4a-ac	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 185 Sq.mm	Mtr	7003
R3-ME-2-4a-ad	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 240 Sq.mm	Mtr	9075
R3-ME-2-4a-ae	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 300 Sq.mm	Mtr	11345
R3-ME-2-4a-af	2 <sup>nd</sup> category Cu armoured cables FRLSZ outer sheathed- 3.5C x 400 Sq.mm	Mtr	15178
<b>R3-ME-2-5</b>	<b>1.1 kV grade stranded Cu conductor, PVC insulated, extruded PVC inner and outer sheathed, with Flexible Submersible flat cables (SP-ME-TS- 6)</b>		
R3-ME-2-5-a	1 <sup>st</sup> category Submersible flat cable -3C x 1.5 Sq.mm	Mtr	68
R3-ME-2-5-b	1 <sup>st</sup> category Submersible flat cable – 4C x 1.5 Sq.mm	Mtr	146
R3-ME-2-5-c	1 <sup>st</sup> category Submersible flat cable – 6C x 1.5 Sq.mm	Mtr	198
R3-ME-2-5-d	1 <sup>st</sup> category Submersible flat cable – 3C x 2.5 Sq.mm	Mtr	105
R3-ME-2-5-e	1 <sup>st</sup> category Submersible flat cable – 4C x 2.5 Sq.mm	Mtr	199
R3-ME-2-5-f	1 <sup>st</sup> category Submersible flat cable – 6C x 2.5 Sq.mm	Mtr	280
R3-ME-2-5-g	1 <sup>st</sup> category Submersible flat cable – 3C x 4 Sq.mm	Mtr	155
R3-ME-2-5-h	1 <sup>st</sup> category Submersible flat cable – 4C x 4 Sq.mm	Mtr	269
R3-ME-2-5-i	1 <sup>st</sup> category Submersible flat cable – 6C x 4 Sq.mm	Mtr	346

R3-ME-2-5-j	1 <sup>st</sup> category Submersible flat cable – 3C x 6 Sq.mm	Mtr	244
R3-ME-2-5-k	1 <sup>st</sup> category Submersible flat cable – 4C x 6 Sq.mm	Mtr	385
R3-ME-2-5-l	1 <sup>st</sup> category Submersible flat cable – 6C x 6 Sq.mm	Mtr	489
R3-ME-2-5-m	1 <sup>st</sup> category Submersible flat cable – 2C x 1.5 Sq.mm	Mtr	96
<b>R3-ME-2-6</b>	<b>1.1 kV grade stranded Cu conductor, PVC insulated, extruded PVC inner and outer sheathed, with Flexible Submersible flat cables (SP-ME-TS- 6)</b>		
R3-ME-2-6-a	2 <sup>nd</sup> category Submersible flat cable -3C x 1.5 Sq.mm	Mtr	58
R3-ME-2-6-b	2 <sup>nd</sup> category Submersible flat cable - 4C x 1.5 Sq.mm	Mtr	112
R3-ME-2-6-c	2 <sup>nd</sup> category Submersible flat cable - 6C x 1.5 Sq.mm	Mtr	156
R3-ME-2-6-d	2 <sup>nd</sup> category Submersible flat cable - 3C x 2.5 Sq.mm	Mtr	90
R3-ME-2-6-e	2 <sup>nd</sup> category Submersible flat cable - 4C x 2.5 Sq.mm	Mtr	158
R3-ME-2-6-f	2 <sup>nd</sup> category Submersible flat cable - 6C x 2.5 Sq.mm	Mtr	215
R3-ME-2-6-g	2 <sup>nd</sup> category Submersible flat cable - 3C x 4 Sq.mm	Mtr	131
R3-ME-2-6-h	2 <sup>nd</sup> category Submersible flat cable - 4C x 4 Sq.mm	Mtr	212
R3-ME-2-6-i	2 <sup>nd</sup> category Submersible flat cable - 6C x 4 Sq.mm	Mtr	323
R3-ME-2-6-j	2 <sup>nd</sup> category Submersible flat cable - 3C x 6 Sq.mm	Mtr	199
R3-ME-2-6-k	2 <sup>nd</sup> category Submersible flat cable - 4C x 6 Sq.mm	Mtr	293
R3-ME-2-6-l	2 <sup>nd</sup> category Submersible flat cable - 6C x 6 Sq.mm	Mtr	465
R3-ME-2-6-m	2 <sup>nd</sup> category Submersible flat cable - 2C x 1.5 Sq.mm	Mtr	76
<b>T</b>	<b>Cable End Boxes (SP-ME-TS- 1)</b>		
<b>R3-ME-2-7</b>	<b>The box shall be fabricated from 14/16 SWG CRCA sheet steel, powder coated, wall / column mounted with provision for support arrangement, 2 earthing terminal, Incoming &amp; outgoing cable terminal etc. Colour shade for box shall be RAL 7032 smoke gray as per IS 5.</b>		
R3-ME-2-7-a	Cable End Boxes 100/125 Amp. TPN switch fuse	Nos	823
R3-ME-2-7-b	Cable End Boxes 200/250 Amp. TPN switch fuse	Nos	933
R3-ME-2-7-c	Cable End Boxes 300/315/320/400 Amp. TPN switch fuse	Nos	1180
R3-ME-2-7-d	Cable End Boxes 630 Amp. TPN switch fuse	Nos	1571
<b>U</b>	<b>Excavation (SP-ME-TS- 6)</b>		
R3-ME-2-8	Excavating the trenches and refilling, reinstatement of the same after the cable is laid in approved manner (750 mm deep, 600 mm wide), in all types of soils 1 Cu. Mtr. = 2.2 RMT.	CUM	344
R3-ME-2-9	Excavating the trenches and refilling the same after the cable is laid in approved manner (Size of trench: 750 mm deep, 600 mm wide) in concrete/ masonry / asphalt. 1 Cu. Mtr. = 2.2 RMT. And reinstatement.	CUM	425

R3-ME-2-9-a	Preparation of brick wall trench with cement of depth 750mm below FFL for laying LT cable with 75mm sand layer at the bottom and 100mm sand layer on top of the cable with Burnt Bricks (225 mm x 112.5mm x 62.5mm ). Above protective cover earth shall be back filled with sand & rammed. Rate includes supply & laying of sand, bricks & cable route marker. Cable route marker shall be provided	CUM	5085
<b>V</b>	<b>Cable End Termination For Aluminium Cables : (SP-ME-TS-6)</b>		
<b>R3-ME-2-11</b>	<b>Cable end terminations for LV, XLPE/PVC insulated, PVC sheathed, armoured/ unarmoured cables including supply and fixing of Double compression cable glands, stripping of cable insulation, supply and fixing of aluminium lugs for aluminium cables for all phases and crimping the same to the conductor for the following cables. Miscellaneous items like cable lugs, G.I nut - bolts and G.I washers , consumables and other hardware materials as required to make the installation complete, are in the scope. All G.I Nut, bolt and washers shall be HDGI with 80 micron. One set of termination includes gland, lugs for cable core &amp; accessories</b>		
R3-ME-2-11-a	Cable End Termination For Aluminium Cables – 2C x 2.5/4 Sq.mm	Set	111
R3-ME-2-11-b	Cable End Termination For Aluminium Cables – 2C x 6 Sq.mm	Set	171
R3-ME-2-11-c	Cable End Termination For Aluminium Cables – 2C x 10 Sq.mm	Set	157
R3-ME-2-11-d	Cable End Termination For Aluminium Cables – 2C x 16 Sq.mm	Set	178
R3-ME-2-11-e	Cable End Termination For Aluminium Cables – 2C x 25 Sq.mm	Set	272
R3-ME-2-11-f	Cable End Termination For Aluminium Cables – 3C x 2.5 Sq.mm	Set	115
R3-ME-2-11-g	Cable End Termination For Aluminium Cables – 3C x 4 Sq.mm	Set	154
R3-ME-2-11-h	Cable End Termination For Aluminium Cables – 3C x 6 Sq.mm	Set	154
R3-ME-2-11-i	Cable End Termination For Aluminium Cables – 3C x 10 Sq.mm	Set	179
R3-ME-2-11-j	Cable End Termination For Aluminium Cables – 3C x 16 Sq.mm	Set	229
R3-ME-2-11-k	Cable End Termination For Aluminium Cables – 3C x 25 Sq.mm	Set	296
R3-ME-2-11-l	Cable End Termination For Aluminium Cables – 3C x 35 Sq.mm	Set	298
R3-ME-2-11-m	Cable End Termination For Aluminium Cables – 3C x 50 Sq.mm	Set	303

R3-ME-2-11-n	Cable End Termination For Aluminium Cables – 4C x 2.5 Sq.mm	Set	132
R3-ME-2-11-o	Cable End Termination For Aluminium Cables – 4C x 4 Sq.mm	Set	156
R3-ME-2-11-p	Cable End Termination For Aluminium Cables – 4C x 6 Sq.mm	Set	178
R3-ME-2-11-q	Cable End Termination For Aluminium Cables – 4C x 10 Sq.mm	Set	182
R3-ME-2-11-r	Cable End Termination For Aluminium Cables – 4C x 16 Sq.mm	Set	243
R3-ME-2-11-s	Cable End Termination For Aluminium Cables – 4C x 25 Sq.mm	Set	299
R3-ME-2-11-t	Cable End Termination For Aluminium Cables – 3.5C x 35 Sq.mm	Set	301
R3-ME-2-11-u	Cable End Termination For Aluminium Cables – 3.5C x 50 Sq.mm	Set	307
R3-ME-2-11-v	Cable End Termination For Aluminium Cables – 3.5C x 70 Sq.mm	Set	361
R3-ME-2-11-w	Cable End Termination For Aluminium Cables – 3.5C x 95 Sq.mm	Set	695
R3-ME-2-11-x	Cable End Termination For Aluminium Cables – 3.5C x 120 Sq.mm	Set	709
R3-ME-2-11-y	Cable End Termination For Aluminium Cables – 3.5C x 150 Sq.mm	Set	851
R3-ME-2-11-z	Cable End Termination For Aluminium Cables – 3.5C x 185 Sq.mm	Set	1023
R3-ME-2-11-aa	Cable End Termination For Aluminium Cables – 3.5C x 240 Sq.mm	Set	1311
R3-ME-2-11-ab	Cable End Termination For Aluminium Cables – 3.5C x 300 Sq.mm	Set	1551
R3-ME-2-11-ac	Cable End Termination For Aluminium Cables – 3.5C x 400 Sq.mm	Set	2107
<b>W</b>	<b>Cable End Termination For Copper Cables : (SP-ME-TS- 6)</b>		
<b>R3-ME-2-12</b>	<b>Cable end terminations for LV, XLPE/PVC insulated, PVC sheathed, armoured/ unarmoured cables including supply and fixing of Double compression cable glands, stripping of cable insulation, supply and fixing of tinned plated copper lugs for copper cables for all phases and crimping the same to the conductor for the following cables. Miscellaneous items like cable lugs, G.I nut - bolts and G.I washers , consumables and other hardware materials as required to make the installation complete, are in the scope. All G.I Nut, bolt and washers shall be HDGI with 80 micron. One set of termination includes gland, lugs for cable core &amp; accessories</b>		

R3-ME-2-12-a	Cable End Termination For Copper Cables – 2C x 1.5 / 2.5 Sq.mm	Set	114
R3-ME-2-12-b	Cable End Termination For Copper Cables – 2C x 4 Sq.mm	Set	109
R3-ME-2-12-c	Cable End Termination For Copper Cables – 2C x 6 Sq.mm	Set	176
R3-ME-2-12-d	Cable End Termination For Copper Cables – 2C x 10 Sq.mm	Set	161
R3-ME-2-12-e	Cable End Termination For Copper Cables – 2C x 16 Sq.mm	Set	184
R3-ME-2-12-f	Cable End Termination For Copper Cables – 3C x 1.5 Sq.mm	Set	115
R3-ME-2-12-g	Cable End Termination For Copper Cables – 3C x 2.5 Sq.mm	Set	118
R3-ME-2-12-h	Cable End Termination For Copper Cables – 3C x 4 Sq.mm	Set	159
R3-ME-2-12-i	Cable End Termination For Copper Cables – 3C x 6 Sq.mm	Set	162
R3-ME-2-12-k	Cable End Termination For Copper Cables – 3C x 10 Sq.mm	Set	184
R3-ME-2-12-l	Cable End Termination For Copper Cables – 3C x 16 Sq.mm	Set	240
R3-ME-2-12-m	Cable End Termination For Copper Cables – 3C x 25 Sq.mm	Set	320
R3-ME-2-12-n	Cable End Termination For Copper Cables – 3C x 35 Sq.mm	Set	323
R3-ME-2-12-o	Cable End Termination For Copper Cables – 3C x 50 Sq.mm	Set	419
R3-ME-2-12-p	Cable End Termination For Copper Cables – 4C x 2.5 Sq.mm	Set	138
R3-ME-2-12-q	Cable End Termination For Copper Cables – 4C x 4 Sq.mm	Set	160
R3-ME-2-12-r	Cable End Termination For Copper Cables – 4C x 6 Sq.mm	Set	187
R3-ME-2-12-s	Cable End Termination For Copper Cables – 4C x 10 Sq.mm	Set	196
R3-ME-2-12-t	Cable End Termination For Copper Cables – 4C x 16 Sq.mm	Set	260
R3-ME-2-12-u	Cable End Termination For Copper Cables – 4C x 25 Sq.mm	Set	331
R3-ME-2-12-v	Cable End Termination For Copper Cables – 3.5C x 35 Sq.mm	Set	336
R3-ME-2-12-w	Cable End Termination For Copper Cables – 3.5C x 50 Sq.mm	Set	481
R3-ME-2-12-x	Cable End Termination For Copper Cables – 3.5C x 70 Sq.mm	Set	592
R3-ME-2-12-y	Cable End Termination For Copper Cables – 3.5C x 95 Sq.mm	Set	812
R3-ME-2-12-z	Cable End Termination For Copper Cables – 3.5C x 120 Sq.mm	Set	865
R3-ME-2-12-aa	Cable End Termination For Copper Cables – 3.5C x 150 Sq.mm	Set	1078
R3-ME-2-12-ab	Cable End Termination For Copper Cables – 3.5C x 185 Sq.mm	Set	1373
R3-ME-2-12-ac	Cable End Termination For Copper Cables – 3.5C x 240 Sq.mm	Set	1769
R3-ME-2-12-ad	Cable End Termination For Copper Cables – 3.5C x 300 Sq.mm	Set	2668
R3-ME-2-12-ae	Cable End Termination For Copper Cables – 3.5C x 400 Sq.mm	Set	4041
R3-ME-2-12-af	Cable End Termination For Copper Cables – 6C x 1.5Sq.mm	Set	163
R3-ME-2-12-ag	Cable End Termination For Copper Cables – 6C x 2.5 Sq.mm	Set	192
R3-ME-2-12-ah	Cable End Termination For Copper Cables – 6C x 4 Sq.mm	Set	192
R3-ME-2-12-ai	Cable End Termination For Copper Cables – 6C x 6 Sq.mm	Set	241
R3-ME-2-12-aj	Cable End Termination For Copper Cables – 6C x 10 Sq.mm	Set	248
<b>X</b>	<b>G.I. Cable tray with all other accessories : Perforated Type (SP-ME-TS- 7)</b>		



<b>R3-ME-2-13</b>	<b>Readymade 2500mm standard length, prefabricated, perforated cable tray from MS sheet and then hot dip galvanised, of following sizes and associated accessories such as coupler plates, tees, elbow etc. Galvanisation thickness shall be minimum 86 Micron.</b>		
R3-ME-2-13-a	G.I. Cable tray with all other accessories 75 x 25mm (W x H) - (16 SWG - 1.6mm) without cover	Mtr	316
R3-ME-2-13-b	G.I. Cable tray with all other accessories 100 x 25mm (W x H) - (16 SWG - 1.6mm) without cover	Mtr	349
R3-ME-2-13-c	G.I. Cable tray with all other accessories 150 x 25mm (W x H) - (16 SWG - 1.6mm) without cover	Mtr	415
R3-ME-2-13-d	G.I. Cable tray with all other accessories 200 x 50mm (W x H) - (16 SWG - 1.6mm) without cover	Mtr	547
R3-ME-2-13-e	G.I. Cable tray with all other accessories 300 x 50mm (W x H) - (16 SWG - 1.6mm) without cover	Mtr	677
R3-ME-2-13-f	G.I. Cable tray with all other accessories 75 x 25mm (W x H) - (16 SWG - 1.6mm) with cover	Mtr	426
R3-ME-2-13-g	G.I. Cable tray with all other accessories 100 x 25mm (W x H) - (16 SWG - 1.6mm) with cover	Mtr	484
R3-ME-2-13-h	G.I. Cable tray with all other accessories 150 x 25mm (W x H) - (16 SWG - 1.6mm) with cover	Mtr	600
R3-ME-2-13-i	G.I. Cable tray with all other accessories 200 x 50mm (W x H) - (16 SWG - 1.6mm) with cover	Mtr	783
R3-ME-2-13-j	G.I. Cable tray with all other accessories 300 x 50mm (W x H) - (16 SWG - 1.6mm)with cover	Mtr	1013
R3-ME-2-13-k	G.I. Cable tray with all other accessories 450 x 75mm (W x H) - (14SWG - 2mm) without cover	Mtr	1112
R3-ME-2-13-l	G.I. Cable tray with all other accessories 600 x 75mm (W x H) - (14SWG - 2mm) without cover	Mtr	1353
R3-ME-2-13-m	G.I. Cable tray with all other accessories 450 x 75mm (W x H) - (14SWG - 2mm) with cover	Mtr	1598
R3-ME-2-13-n	G.I. Cable tray with all other accessories 600 x 75mm (W x H) - (14SWG - 2mm) with cover	Mtr	1989
<b>Y</b>	<b>G.I. Cable tray with all other accessories : Ladder Type (SP-ME-TS- 8)</b>		
<b>R3-ME-2-14</b>	<b>Readymade 2500mm standard length, prefabricated, Ladder type cable tray from MS sheet and then hot dip galvanised, of following sizes and associated accessories such as coupler plates, tees, elbow etc. 50 mm side flanges shall be provided. Galvanisation thickness shall be minimum 86 Micron.</b>		
R3-ME-2-14-a	G.I. Cable tray with all other accessories : Ladder Type -150 x 50mm (W x H) - (16SWG - 1.6mm)	Mtr	234

R3-ME-2-14-b	G.I. Cable tray with all other accessories : Ladder Type -200 x 75mm (W x H) - (16SWG - 1.6mm)	Mtr	284
R3-ME-2-14-c	G.I. Cable tray with all other accessories : Ladder Type -300 x 75mm (W x H) - (16SWG - 1.6mm)	Mtr	351
R3-ME-2-14-d	G.I. Cable tray with all other accessories : Ladder Type -450 x 75mm (W x H) - (12SWG - 2.5mm)	Mtr	647
R3-ME-2-14-e	G.I. Cable tray with all other accessories : Ladder Type -600 x 75mm (W x H) - (12SWG - 2.5mm)	Mtr	705
R3-ME-2-14-f	G.I. Cable tray with all other accessories : Ladder Type -750 x 75mm (W x H) - (12SWG - 2.5mm)	Mtr	768
R3-ME-2-14-g	G.I. Cable tray with all other accessories : Ladder Type -1000 x 75mm (W x H) - (12SWG - 2.5mm)	Mtr	868
<b>Z</b>	<b>G.I. Trunking / Duct / Raceway &amp; all other accessories (SP-ME-TS- 9)</b>		
<b>R3-ME-2-15</b>	<b>Readymade 2500mm standard length, prefabricated, GI trunking from MS sheet and then hot dip galvanised, of following sizes and associated accessories such as coupler plates, tees, elbow etc. 50 mm side flanges shall be provided. Galvanisation thickness shall be minimum 86 Micron. cost of trunking shall be included junction box of suitable size, and all other accessories required to complete the work.</b>		
R3-ME-2-15-a	G.I. Trunking / Duct / Raceway & all other accessories – 50 x 40mm (W x H) - (16 SWG - 1.6 mm) with cover without partition	Mtr	258
R3-ME-2-15-b	G.I. Trunking / Duct / Raceway & all other accessories – 75 x 40mm (W x H) - (16 SWG - 1.6 mm) with cover without partition	Mtr	341
R3-ME-2-15-c	G.I. Trunking / Duct / Raceway & all other accessories – 100 x 40mm (W x H) - (14 SWG - 2mm) with cover without partition	Mtr	454
R3-ME-2-15-d	G.I. Trunking / Duct / Raceway & all other accessories – 150 x 40mm (W x H) - (14 SWG - 2mm) with cover without partition	Mtr	597
R3-ME-2-15-e	G.I. Trunking / Duct / Raceway & all other accessories – 300 x 40mm (W x H) - (14 SWG – 2mm) with cover without partition	Mtr	1024
R3-ME-2-15-f	G.I. Trunking / Duct / Raceway & all other accessories – 400 x 40mm (W x H) - (14 SWG - 2mm) with cover without partition	Mtr	1310
R3-ME-2-15-g	G.I. Trunking / Duct / Raceway & all other accessories – 300 x 50mm (W x H) - (14 SWG - 2mm) with cover without partition	Mtr	136
R3-ME-2-15-h	G.I. Trunking / Duct / Raceway & all other accessories – 50 x 40mm (W x H) with cover with one partition	Mtr	330
R3-ME-2-15-i	G.I. Trunking / Duct / Raceway & all other accessories – 75 x 40mm (W x H) with cover with one partition	Mtr	412

R3-ME-2-15-j	G.I. Trunking / Duct / Raceway & all other accessories – 100 x 40mm (W x H) with cover with one partition	Mtr	405
R3-ME-2-15-k	G.I. Trunking / Duct / Raceway & all other accessories – 150 x 40mm (W x H) with cover with one partition	Mtr	512
R3-ME-2-15-l	G.I. Trunking / Duct / Raceway & all other accessories – 300 x 50mm (W x H) with cover with two partition	Mtr	842
<b>AA</b>	<b>PVC Trunking with cover &amp; all other accessories (SP-ME-TS-10)</b>		
<b>R3-ME-2-16</b>	<b>Following sizes PVC trunking with cover and all other accessories to complete the work like bend, partion, internal and external angles etc. cost of trunking shall be included base, cover, finishing accessories, junction boxes and mounting wiring accessories.</b>		
R3-ME-2-16-a	PVC Trunking with cover & all other accessories – 50 x 50mm (W x H) - PVC Trunking with cover	Mtr	226
R3-ME-2-16-b	PVC Trunking with cover & all other accessories – 80 x 50 mm (W x H) - PVC Trunking with cover	Mtr	548
R3-ME-2-16-c	PVC Trunking with cover & all other accessories – 100 x 50mm (W x H) - PVC Trunking with cover	Mtr	888
R3-ME-2-16-d	PVC Trunking with cover & all other accessories – 150 x 50mm (W x H) - PVC Trunking with cover	Mtr	1348
R3-ME-2-16-e	PVC Trunking with cover & all other accessories – 200 x 50mm (W x H) - PVC Trunking with cover	Mtr	1804
R3-ME-2-16-f	PVC Trunking with cover & all other accessories – 100 x 50mm (W x H) - PVC Trunking with cover and partition	Mtr	1010
R3-ME-2-16-g	PVC Trunking with cover & all other accessories – 150 x 50mm (W x H) - PVC Trunking with cover and partition	Mtr	1470
R3-ME-2-16-h	PVC Trunking with cover & all other accessories – 200 x 50mm (W x H) - PVC Trunking with cover and partition	Mtr	1804
<b>AB</b>	<b>M.S. Cable trays complete with fixing arrangment by using brackets to support the trays galvanised in approved manner (Perforated type)</b>		
<b>R3-ME-2-17</b>	<b>Readymade 2500mm standard length, prefabricated, perforated cable tray from MS sheet and then hot dip galvanised, of following sizes and associated accessories such as coupler plates, tees, elbow etc. Galvanisation thickness shall be minimum 86 Micron.</b>		
R3-ME-2-17-a	M.S. Cable trays -300 x 20mm	Mtr	632
R3-ME-2-17-b	M.S. Cable trays -450 x 25mm	Mtr	846
R3-ME-2-17-c	M.S. Cable trays -600 x 40mm	Mtr	1131
<b>AC</b>	<b>CABLE JOINTS CAST RESIN STRAIGHT THROUGH JOINTS FOR 1.1KV XLPE / PVC / PILC CABLES (SP-ME-TS- 11)</b>		

<b>R3-ME-2-18</b>	<b>Heat Shrinkable Straight through joints suitable for following sizes 1.1 kV grade stranded Cu/Al conductor, XLPE/PVC insulated, extruded PVC inner and outer sheathed, galvanised steel round or strip armoured cables with required all necessary accessories.</b>		
R3-ME-2-18-a	CABLE JOINTS CAST RESIN STRAIGHT – 2C x 25 / 35 Sq.mm	Kit	1415
R3-ME-2-18-b	CABLE JOINTS CAST RESIN STRAIGHT -2C x 50 / 70 Sq.mm	Kit	1875
R3-ME-2-18-c	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 25 / 35 Sq.mm	Kit	1415
R3-ME-2-18-d	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 50 Sq.mm	Kit	1415
R3-ME-2-18-e	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 70 Sq.mm	Kit	1875
R3-ME-2-18-f	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 95 Sq.mm	Kit	1875
R3-ME-2-18-g	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 120 / 150 Sq.mm	Kit	2547
R3-ME-2-18-h	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 185 / 200 Sq.mm	Kit	3891
R3-ME-2-18-i	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 240 Sq.mm	Kit	3891
R3-ME-2-18-j	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 300 Sq.mm	Kit	3891
R3-ME-2-18-k	CABLE JOINTS CAST RESIN STRAIGHT -3.5C x 400 Sq.mm	Kit	4598
	<b>Supplying, installation, testing &amp; commissioning of following sizes of 11kV (UE) grade XLPE aluminium conductor PVC sheathed round wire armoured cable</b>		
R3-ME-2-18-l	SITC of end joints - 3C x 240 sq.mm	Mtr	10671
R3-ME-2-18-m	SITC of end joints – 3C x 185 sq.mm	Mtr	9071
R3-ME-2-18-n	SITC of end joints – 3C x 150 sq.mm	Mtr	9071
R3-ME-2-18-o	SITC of end joints – 3C x 120 sq.mm	Mtr	7426
<b>AD</b>	<b>Providing &amp; laying Hume pipe across road or below the plinth beams and buried cable protection (SP-ME-TS- 06)</b>		
<b>R3-ME-2-19</b>	<b>Supply and laying of Heavy duty RCC Hume pipe for road crossing, below plinth beam of following size as diameter.</b>		
R3-ME-2-19-a	Supply and laying Hume pipe -100 mm Dia.	Mtr	313
R3-ME-2-19-b	Supply and laying Hume pipe -150mm Dia.	Mtr	362
R3-ME-2-19-c	Supply and laying Hume pipe -250mm Dia.	Mtr	518
R3-ME-2-19-d	Supply and laying Hume pipe -300mm Dia.	Mtr	706
<b>R3-ME-2-20</b>	<b>Supply and laying of Heavy duty half circle RCC Hume pipe for buried cable of following size as diameter.</b>		
R3-ME-2-20-a	Supply and laying of Heavy duty half circle RCC Hume pipe -100 mm Dia.	Mtr	192
R3-ME-2-20-b	Supply and laying of Heavy duty half circle RCC Hume pipe - 150mm Dia.	Mtr	211
<b>AE</b>	<b>Supplying &amp; laying I.S.I. mark 'B' class GI Pipe for surface / under ground cable protection</b>		
<b>R3-ME-2-21</b>	<b>Supply &amp; laying I.S.I. mark 'B' class GI Pipe for surface / under ground cable protection</b>		
R3-ME-2-21-a	Supply & laying I.S.I. mark 'B' class GI Pipe -15 mm dia.	Mtr	149

R3-ME-2-21-b	Supply & laying I.S.I. mark 'B' class GI Pipe -20 mm dia.	Mtr	187
R3-ME-2-21-c	Supply & laying I.S.I. mark 'B' class GI Pipe -25 mm dia.	Mtr	232
R3-ME-2-21-d	Supply & laying I.S.I. mark 'B' class GI Pipe -32 mm dia.	Mtr	280
R3-ME-2-21-e	Supply & laying I.S.I. mark 'B' class GI Pipe -38/40 mm dia.	Mtr	319
R3-ME-2-21-f	Supply & laying I.S.I. mark 'B' class GI Pipe -50 mm dia.	Mtr	463
R3-ME-2-21-g	Supply & laying I.S.I. mark 'B' class GI Pipe -65 mm dia.	Mtr	583
R3-ME-2-21-h	Supply & laying I.S.I. mark 'B' class GI Pipe -80 mm dia.	Mtr	763
R3-ME-2-21-i	Supply & laying I.S.I. mark 'B' class GI Pipe -100 mm dia.	Mtr	1106
<b>AF</b>	<b>Supply &amp; Laying of double wall corrugated ( DWC) pipes of HDPE for underground cable protection (SP-ME-TS-41)</b>		
<b>R3-ME-2-22</b>	<b>Supply &amp; Laying of double wall corrugated ( DWC) pipes of HDPE for underground cable protection as per IS 14930 Part II. With necessary connecting socket/couplings, tees of some material at required depth up to 900 mm below road ground surface. backfilling of with light ramming is included in the scope.</b>		
R3-ME-2-22-a	Supply & Laying of double wall corrugated ( DWC) pipe 50 mm OD / 38 mm I.D.	Mtr	164
R3-ME-2-22-b	Supply & Laying of double wall corrugated ( DWC) pipe 63 mm OD / 51 mm I.D.	Mtr	188
R3-ME-2-22-c	Supply & Laying of double wall corrugated ( DWC) pipe 77 mm OD / 63 mm I.D.	Mtr	237
R3-ME-2-22-d	Supply & Laying of double wall corrugated ( DWC) pipe 90 mm OD / 76 mm I.D.	Mtr	291
R3-ME-2-22-e	Supply & Laying of double wall corrugated ( DWC) pipe 120 mm OD / 103.5 mm I.D.	Mtr	426
R3-ME-2-22-f	Supply & Laying of double wall corrugated ( DWC) pipe 125 mm OD / 109 mm I.D.	Mtr	501
R3-ME-2-22-g	Supply & Laying of double wall corrugated ( DWC) pipe 145 mm OD / 126 mm I.D.	Mtr	541
R3-ME-2-22-h	Supply & Laying of double wall corrugated ( DWC) pipe 160 mm OD / 136 mm I.D.	Mtr	615
R3-ME-2-22-i	Supply & Laying of double wall corrugated ( DWC) pipe 175 mm OD / 148 mm I.D.	Mtr	712
R3-ME-2-22-j	Supply & Laying of double wall corrugated ( DWC) pipe 200 mm OD / 175 mm I.D.	Mtr	862
<b>R3-ME-2-23</b>	<b>Supplying, installation, testing &amp; commissioning of following sizes of 11kV (UE) grade XLPE aluminium conductor PVC sheathed round wire armoured cable</b>		
R3-ME-2-23-a	1st Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 240 sq.mm..	Mtr	2043

R3-ME-2-23-b	1st Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 185 sq.mm..	Mtr	1736
R3-ME-2-23-c	1st Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 150 sq.mm..	Mtr	1552
R3-ME-2-23-d	1st Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 120 sq.mm..	Mtr	1405
<b>R3-ME-2-24</b>	<b>Supplying, installation, testing &amp; commissioning of following sizes of 11kV (UE) grade XLPE aluminium conductor PVC sheathed round wire armoured cable</b>		
R3-ME-2-24-a	2 <sup>nd</sup> Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 240 sq.mm..	Mtr	1445
R3-ME-2-24-b	2 <sup>nd</sup> Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 185 sq.mm..	Mtr	1229
R3-ME-2-24-c	2 <sup>nd</sup> Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 150 sq.mm..	Mtr	1075
R3-ME-2-24-d	2 <sup>nd</sup> Category XLPE Al conductor PVC sheathed round wire armoured cable- 3C x 120 sq.mm..	Mtr	972
<b>R3-ME-2-25</b>	<b>Raceways / Conduits for under floor trenches</b>		
R3-ME-2-25-a	Supply and laying Raceways / Conduits 100mm X 40mm Aluminium raceways, 2 mm thick.	Mtr	444
R3-ME-2-25-b	Supply and laying Raceways / Conduits 60mm X 40mm Aluminium raceways, 2 mm thick.	Mtr	322
R3-ME-2-25-c	Supply and laying Raceways / Conduits 50mm X 25mm Aluminium raceways, 2 mm thick.	Mtr	242

<b>GROUP C- MAINS AND SUBMAINS WIRING, POINT WIRING</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
	<b>WIRING FOR SUBMAINS/ CIRCUIT WIRING (SP-ME-TS- 12)</b>		
<b>R3-ME-3-1</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor wire in surface/ recessed medium class PVC conduit as required</b>		
R3-ME-3-1-a	Wiring for submains- medium class PVC- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	106
R3-ME-3-1-b	Wiring for submains- medium class PVC- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	157
R3-ME-3-1-c	Wiring for submains- medium class PVC- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	239
R3-ME-3-1-d	Wiring for submains- medium class PVC- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	329
R3-ME-3-1-e	Wiring for submains- medium class PVC- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	554
R3-ME-3-1-f	Wiring for submains- medium class PVC- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	834
R3-ME-3-1-g	Wiring for submains- medium class PVC- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	265
R3-ME-3-1-h	Wiring for submains- medium class PVC- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	370
R3-ME-3-1-i	Wiring for submains- medium class PVC- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	716
R3-ME-3-1-j	Wiring for submains- medium class PVC- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	344
R3-ME-3-1-k	Wiring for submains- medium class PVC- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	421
R3-ME-3-1-l	Wiring for submains- medium class PVC- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	579
R3-ME-3-1-m	Wiring for submains- medium class PVC- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	937
R3-ME-3-1-n	Wiring for submains- medium class PVC- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1428
<b>R3-ME-3-2</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor wire surface/ recessed flexible conduit as required</b>		

R3-ME-3-2-a	Wiring for submains- flexible conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	79
R3-ME-3-2-b	Wiring for submains- flexible conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	124
R3-ME-3-2-c	Wiring for submains- flexible conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	193
R3-ME-3-2-d	Wiring for submains- flexible conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	279
R3-ME-3-2-e	Wiring for submains- flexible conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	482
R3-ME-3-2-f	Wiring for submains- flexible conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	749
R3-ME-3-2-g	Wiring for submains- flexible conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	253
R3-ME-3-2-h	Wiring for submains- flexible conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	368
R3-ME-3-2-i	Wiring for submains- flexible conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	636
R3-ME-3-2-j	Wiring for submains- flexible conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	262
R3-ME-3-2-k	Wiring for submains- flexible conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	391
R3-ME-3-2-l	Wiring for submains- flexible conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	563
R3-ME-3-2-m	Wiring for submains- flexible conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	858
R3-ME-3-2-n	Wiring for submains- flexible conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1339
<b>R3-ME-3-3</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor wire in surface in casing and capping as required</b>		
R3-ME-3-3-a	Wiring for submains- casing n cap -2 X 1.5 sq. mm+ 1 X 1.5 sq. mm earth wire in 20 x 12 mm(1/2 in.)	Mtr	84
R3-ME-3-3-b	Wiring for submains- casing n cap – 2 X 2.5 sq. mm+ 1 X 2.5 sq. mm earth wire in 20 x 12 mm(1/2 in)	Mtr	130
R3-ME-3-3-c	Wiring for submains- casing n cap – 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	198
R3-ME-3-3-d	Wiring for submains- casing n cap – 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	284
R3-ME-3-3-e	Wiring for submains- casing n cap – 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32 x 12 mm (1 in.)	Mtr	484



R3-ME-3-3-f	Wiring for submains- casing n cap – 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32 x 12 mm (1 in.)	Mtr	750
R3-ME-3-3-g	Wiring for submains- casing n cap – 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	259
R3-ME-3-3-h	Wiring for submains- casing n cap – 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	373
R3-ME-3-3-i	Wiring for submains- casing n cap – 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32 x 12 mm (1 in)	Mtr	637
R3-ME-3-3-j	Wiring for submains-casing n cap – 4 X 2.5 sq.mm + 2 X 2.5 sq. mm earth wire in 38 x 20mm ( 1.5 in)	Mtr	268
R3-ME-3-3-k	Wiring for submains- casing n cap – 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38 x 20 mm ( 1.5 in)	Mtr	397
R3-ME-3-3-l	Wiring for submains- casing n cap – 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38 x 20 mm ( 1.5 in)	Mtr	569
R3-ME-3-3-m	Wiring for submains- casing n cap – 4 X 10 sq.mm +2 X 10 sq. mm earth wire in 38 x 20 mm (1.5 in)	Mtr	958
R3-ME-3-3-n	Wiring for submains- casing n cap – 4 X 16 sq.mm+ 2 X 16 sq. mm earth wire in 38 x 20mm( 1.5 in)	Mtr	1345
<b>R3-ME-3-4</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor wire surface/ recessed steel conduit as required</b>		
R3-ME-3-4-a	Wiring for submains- steel conduit– 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	128
R3-ME-3-4-b	Wiring for submains- steel conduit– 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	174
R3-ME-3-4-c	Wiring for submains- steel conduit– 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	254
R3-ME-3-4-d	Wiring for submains- steel conduit– 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	340
R3-ME-3-4-e	Wiring for submains- steel conduit– 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	565
R3-ME-3-4-f	Wiring for submains- steel conduit– 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	831
R3-ME-3-4-g	Wiring for submains- steel conduit– 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	315
R3-ME-3-4-h	Wiring for submains- steel conduit– 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	429
R3-ME-3-4-i	Wiring for submains- steel conduit– 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	718
R3-ME-3-4-j	Wiring for submains- steel conduit– 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	326

R3-ME-3-4-k	Wiring for submains- steel conduit– 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	430
R3-ME-3-4-l	Wiring for submains- steel conduit– 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	568
R3-ME-3-4-m	Wiring for submains- steel conduit– 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	881
R3-ME-3-4-n	Wiring for submains- steel conduit– 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1310
R3-ME-3-4-o	Supply & inst of 2.5 SQ MM X 1 C wire	Mtr	78
R3-ME-3-4-p	Supply & inst of 1.5 SQ MM X 1 C wire	Mtr	60
R3-ME-3-4-q	Supply & inst of crone box	Nos	12525
<b>R3-ME-3-5</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor wire in surface/ recessed hot dipped GI conduit as required</b>		
R3-ME-3-5-a	Wiring for submains- GI conduit– 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	162
R3-ME-3-5-b	Wiring for submains- GI conduit– 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	208
R3-ME-3-5-c	Wiring for submains- GI conduit– 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	292
R3-ME-3-5-d	Wiring for submains- GI conduit– 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	378
R3-ME-3-5-e	Wiring for submains- GI conduit– 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	629
R3-ME-3-5-f	Wiring for submains- GI conduit– 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	895
R3-ME-3-5-g	Wiring for submains- GI conduit– 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	353
R3-ME-3-5-h	Wiring for submains- GI conduit– 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	467
R3-ME-3-5-i	Wiring for submains- GI conduit– 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	782
R3-ME-3-5-j	Wiring for submains- GI conduit– 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	449
R3-ME-3-5-k	Wiring for submains- GI conduit– 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	504
R3-ME-3-5-l	Wiring for submains- GI conduit– 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	642
R3-ME-3-5-m	Wiring for submains- GI conduit– 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	955
R3-ME-3-5-n	Wiring for submains- GI conduit– 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1384

<b>R3-ME-3-11</b>	<b>Laying of PVC empty conduit with boxes for carrying out concealed point wiring</b>		
R3-ME-3-11-a	Laying of PVC Empty Conduit with Boxes for Light /Fan / Ex. fan Points for concealed point wiring	Each Pt.	310
R3-ME-3-11-b	Laying of pvc Empty Conduit with Boxes for Independent Plug for concealed point wiring	Each Pt.	351
R3-ME-3-11-c	Laying of pvc Empty Conduit with Boxes for Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	589
R3-ME-3-11-d	Laying of pvc Empty Conduit with Boxes for Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indi	Each Pt.	607
R3-ME-3-11-e	Laying of pvc Empty Conduit with Boxes for Bell Point With Bell / Buzzer with 2 Bell Push & 2 Ind	Each Pt.	679
R3-ME-3-11-f	Laying of pvc Empty Conduit with Boxes for Bell Point With Bell/Buzzer with 3 Bell Push & 3 Indi	Each Pt.	752
R3-ME-3-11-g	Laying of pvc Empty Conduit with Boxes for Gong Bell Pt. with 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	464
R3-ME-3-11-h	Laying of pvc Empty Conduit with Boxes for Gong Bell Pt. with 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1113
R3-ME-3-11-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse, Indicating Lamp and one 15 Amp SP Switch	Each Pt.	544
R3-ME-3-11-j	Laying of pvc Empty Conduit with Boxes for Group Control Point Wiring 4-8 Points Controlled	Each Pt.	1195
<b>R3-ME-13</b>	<b>Point wiring by using PVC insulated copper conductors (alongwith same size of pvc insulated copper conductor for earthing &amp; 3 plate ceiling rose) : PVC conduit concealed with modular switches &amp; FR wires. (SP-ME-TS- 12)</b>		
R3-ME-3-13-a	Light /Fan / Ex. fan Points Concealed Manner with Modular switches & FR wires	Each Pt.	662
R3-ME-3-13-b	3/5 Pin Independent Plug (IP) Concealed Manner with Modular switches & FR wires	Each Pt.	703
R3-ME-3-13-c	5A/6A - 3/5 Half Plug Concealed Manner with Modular switches & FR wires	Each Pt.	163
R3-ME-3-13-d	Bell Point with Bell / Buzzer & 1 Bell Push Concealed Manner with Modular switches & FR wires	Each Pt.	1175
R3-ME-3-13-e	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator Concealed Manner with Modular switches & FR wires	Each Pt.	794
<b>AG</b>	<b>BOARD WIRING:</b>		
R3-ME-3-14	Providing single phase electric energy meter's board wiring by using 2 wires of 3/20 SWG PVC insulated copper conductor wires complete with fixing on board by using H.G. brass clips, terminations, etc.	Mtr	100

<b>R3-ME-3-15</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSH insulated copper conductor wire in surface/ recessed medium class PVC conduit as required</b>		
R3-ME-3-15-a	Submains FRLSH PVC conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	104
R3-ME-3-15-b	Submains FRLSH PVC conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	148
R3-ME-3-15-c	Submains FRLSH PVC conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	221
R3-ME-3-15-d	Submains FRLSH PVC conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	307
R3-ME-3-15-e	Submains FRLSH PVC conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	530
R3-ME-3-15-f	Submains FRLSH PVC conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	794
R3-ME-3-15-g	Submains FRLSH PVC conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	279
R3-ME-3-15-h	Submains FRLSH PVC conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	394
R3-ME-3-15-i	Submains FRLSH PVC conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	684
R3-ME-3-15-j	Submains FRLSH PVC conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	325
R3-ME-3-15-k	Submains FRLSH PVC conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	444
R3-ME-3-15-l	Submains FRLSH PVC conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	616
R3-ME-3-15-m	Submains FRLSH PVC conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1021
R3-ME-3-15-n	Submains FRLSH PVC conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1548
<b>R3-ME-3-16</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSH insulated copper conductor wire surface/ recessed flexible conduit as required</b>		
R3-ME-3-16-a	Submains FRLSH PVC conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	79
R3-ME-3-16-b	Submains FRLSH PVC conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	123
R3-ME-3-16-c	Submains FRLSH PVC conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	186
R3-ME-3-16-d	Submains FRLSH PVC conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	273

R3-ME-3-16-e	Submains FRLSH PVC conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	484
R3-ME-3-16-f	Submains FRLSH PVC conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	747
R3-ME-3-16-g	Submains FRLSH PVC conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	244
R3-ME-3-16-h	Submains FRLSH PVC conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	314
R3-ME-3-16-i	Submains FRLSH PVC conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	638
R3-ME-3-16-j	Submains FRLSH PVC conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	259
R3-ME-3-16-k	Submains FRLSH PVC conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	378
R3-ME-3-16-l	Submains FRLSH PVC conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	550
R3-ME-3-16-m	Submains FRLSH PVC conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	955
R3-ME-3-16-n	Submains FRLSH PVC conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1482
<b>R3-ME-3-17</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSH insulated copper conductor wire in surface in casing and capping as required</b>		
R3-ME-3-17-a	Submains FRLSH Casing N Capping - 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20 x 12 mm (1/2")	Mtr	118
R3-ME-3-17-b	Submains FRLSH Casing N Capping - 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20 x 12 mm (1/2 in)	Mtr	179
R3-ME-3-17-c	Submains FRLSH Casing N Capping - 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	192
R3-ME-3-17-d	Submains FRLSH Casing N Capping - 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	278
R3-ME-3-17-e	Submains FRLSH Casing N Capping - 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32 x 12 mm (1 in.)	Mtr	485
R3-ME-3-17-f	Submains FRLSH Casing N Capping - 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32 x 12 mm (1 in)	Mtr	749
R3-ME-3-17-g	Submains FRLSH Casing N Capping - 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25 x 12 mm ( 3/4 in.)	Mtr	250
R3-ME-3-17-h	Submains FRLSH Casing N Capping - 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25 x 12 mm ( 3/4 in.)	Mtr	364
R3-ME-3-17-i	Submains FRLSH Casing N Capping - 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32 x 12 mm (1 in.)	Mtr	639

R3-ME-3-17-j	Submains FRLSH Casing N Caping - 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38x20 mm ( 1.5 in.)	Mtr	265
R3-ME-3-17-k	Submains FRLSH Casing N Caping - 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38 x 20 mm ( 1.5 in.)	Mtr	384
R3-ME-3-17-l	Submains FRLSH Casing N Caping - 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38 x 20 mm ( 1.5 in.)	Mtr	556
R3-ME-3-17-m	Submains FRLSH Casing N Caping - 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38 x 20 mm ( 1.5 in)	Mtr	961
R3-ME-3-17-n	Submains FRLSH Casing N Caping - 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38 x 20 mm ( 1.5 in)	Mtr	1488
<b>R3-ME-3-18</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSH insulated copper conductor wire surface/ recessed steel conduit as required</b>		
R3-ME-3-18-a	Submains FRLSH steel conduit - 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	128
R3-ME-3-18-b	Submains FRLSH steel conduit - 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	172
R3-ME-3-18-c	Submains FRLSH steel conduit - 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	248
R3-ME-3-18-d	Submains FRLSH steel conduit - 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	334
R3-ME-3-18-e	Submains FRLSH steel conduit - 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	566
R3-ME-3-18-f	Submains FRLSH steel conduit - 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	830
R3-ME-3-18-g	Submains FRLSH steel conduit - 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	306
R3-ME-3-18-h	Submains FRLSH steel conduit - 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	375
R3-ME-3-18-i	Submains FRLSH steel conduit - 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	720
R3-ME-3-18-j	Submains FRLSH steel conduit - 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	403
R3-ME-3-18-k	Submains FRLSH steel conduit - 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	522
R3-ME-3-18-l	Submains FRLSH steel conduit - 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	694
R3-ME-3-18-m	Submains FRLSH steel conduit - 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1099
R3-ME-3-18-n	Submains FRLSH steel conduit - 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1626

<b>R3-ME-3-19</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSH insulated copper conductor wire in surface/ recessed hot dipped GI conduit as required</b>		
R3-ME-3-19-a	Submains FRLSH GI conduit - 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	162
R3-ME-3-19-b	Submains FRLSH GI conduit – 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	206
R3-ME-3-19-c	Submains FRLSH GI conduit – 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	286
R3-ME-3-19-d	Submains FRLSH GI conduit – 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	372
R3-ME-3-19-e	Submains FRLSH GI conduit – 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	630
R3-ME-3-19-f	Submains FRLSH GI conduit – 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	894
R3-ME-3-19-g	Submains FRLSH GI conduit – 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	344
R3-ME-3-19-h	Submains FRLSH GI conduit – 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	459
R3-ME-3-19-i	Submains FRLSH GI conduit – 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	784
R3-ME-3-19-j	Submains FRLSH GI conduit – 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	495
R3-ME-3-19-k	Submains FRLSH GI conduit – 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	614
R3-ME-3-19-l	Submains FRLSH GI conduit – 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	786
R3-ME-3-19-m	Submains FRLSH GI conduit – 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1191
R3-ME-3-19-n	Submains FRLSH GI conduit – 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1718
<b>R3-ME-20</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) : PVC conduit concealed with modular switches &amp; FRLSH wires.</b>		
R3-ME-3-20-a	Light /Fan / Ex. fan Points Concealed Manner with Modular switches & FRLSH wires	Each Pt.	767
R3-ME-3-20-b	3/5 Pin Independent Plug (IP) Concealed Manner with Modular switches & FRLSH wires	Each Pt.	775
R3-ME-3-20-c	5A/6A - 3/5 Half Plug Concealed Manner with Modular switches & FRLSH wires	Each Pt.	232

R3-ME-3-20-d	Bell Point with Bell / Buzzer & 1 Bell Push Concealed Manner with Modular switches & FRLSH wires	Each Pt.	1418
R3-ME-3-20-e	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator Concealed Manner with Modular	Each Pt.	1226
<b>R3-ME-3-21</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSZH insulated copper conductor wire in surface/ recessed medium class PVC conduit as required</b>		
R3-ME-3-21-a	Submains-FRLSZH-medium PVC conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	108
R3-ME-3-21-b	Submains-FRLSZH-medium PVC conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	154
R3-ME-3-21-c	Submains-FRLSZH-medium PVC conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	229
R3-ME-3-21-d	Submains-FRLSZH-medium PVC conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	320
R3-ME-3-21-e	Submains-FRLSZH-medium PVC conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	553
R3-ME-3-21-f	Submains-FRLSZH-medium PVC conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	829
R3-ME-3-21-g	Submains-FRLSZH-medium PVC conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	290
R3-ME-3-21-h	Submains-FRLSZH-medium PVC conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	411
R3-ME-3-21-i	Submains-FRLSZH-medium PVC conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	714
R3-ME-3-21-j	Submains-FRLSZH-medium PVC conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	336
R3-ME-3-21-k	Submains-FRLSZH-medium PVC conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	431
R3-ME-3-21-l	Submains-FRLSZH-medium PVC conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	641
R3-ME-3-21-m	Submains-FRLSZH-medium PVC conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1066
R3-ME-3-21-n	Submains-FRLSZH-medium PVC conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1619
<b>R3-ME-3-22</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSZH insulated copper conductor wire surface/ recessed flexible conduit as required</b>		
R3-ME-3-22-a	Submains- FRLSZH- flexible conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	82



R3-ME-3-22-b	Submains- FRLSZH- flexible conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	128
R3-ME-3-22-c	Submains- FRLSZH- flexible conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	195
R3-ME-3-22-d	Submains- FRLSZH- flexible conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	285
R3-ME-3-22-e	Submains- FRLSZH- flexible conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	506
R3-ME-3-22-f	Submains- FRLSZH- flexible conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	783
R3-ME-3-22-g	Submains- FRLSZH- flexible conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	256
R3-ME-3-22-h	Submains- FRLSZH- flexible conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	376
R3-ME-3-22-i	Submains- FRLSZH- flexible conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	668
R3-ME-3-22-j	Submains- FRLSZH- flexible conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	270
R3-ME-3-22-k	Submains- FRLSZH- flexible conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	395
R3-ME-3-22-l	Submains- FRLSZH- flexible conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	575
R3-ME-3-22-m	Submains- FRLSZH- flexible conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1000
R3-ME-3-22-n	Submains- FRLSZH- flexible conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1514
<b>R3-ME-3-23</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSZH insulated copper conductor wire in surface in casing and capping as required</b>		
R3-ME-3-23-a	Submains-FRLSZH-flexible conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20 x 12 mm	Mtr	88
R3-ME-3-23-b	Submains- FRLSZH- flexible conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20 x 12 mm	Mtr	134
R3-ME-3-23-c	Submains- FRLSZH- flexible conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25 x 12 mm	Mtr	147
R3-ME-3-23-d	Submains- FRLSZH- flexible conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25 x 12 mm	Mtr	290
R3-ME-3-23-e	Submains- FRLSZH- flexible conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32 x 12 mm	Mtr	508
R3-ME-3-23-f	Submains- FRLSZH- flexible conduit- 2 X 16 sq. mm+1 X 16 sq. mm earth wire in 32 x 12 mm (1 in.)	Mtr	784

R3-ME-3-23-g	Submains- FRLSZH- flexible conduit- 3 X 4 sq. mm+1 X 4 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	261
R3-ME-3-23-h	Submains- FRLSZH- flexible conduit- 3 X 6 sq. mm +1 X 6 sq. mm earth wire in 25 x 12 mm ( 3/4 in)	Mtr	381
R3-ME-3-23-i	Submains- FRLSZH- flexible conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32 x 12 mm (1 in.)	Mtr	669
R3-ME-3-23-j	Submains- FRLSZH- flexible conduit-4 X 2.5 sq. mm+2 X 2.5 sq. mm earth wire in 38 x 20 mm(1.5 in.)	Mtr	276
R3-ME-3-23-k	Submains- FRLSZH- flexible conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38 x 20 mm (1.5 in)	Mtr	401
R3-ME-3-23-l	Submains- FRLSZH- flexible conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38 x 20 mm(1.5 in)	Mtr	581
R3-ME-3-23-m	Submains- FRLSZH- flexible conduit-4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38 x 20 mm (1.5 in)	Mtr	1006
R3-ME-3-23-n	Submains- FRLSZH- flexible conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38 x 20 mm	Mtr	1559
<b>R3-ME-3-24</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSZH insulated copper conductor wire surface/ recessed steel conduit as required</b>		
R3-ME-3-24-a	Submains- FRLSZH -steel conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	131
R3-ME-3-24-b	Submains- FRLSZH -steel conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	178
R3-ME-3-24-c	Submains- FRLSZH -steel conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	256
R3-ME-3-24-d	Submains- FRLSZH -steel conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	346
R3-ME-3-24-e	Submains- FRLSZH -steel conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	560
R3-ME-3-24-f	Submains- FRLSZH -steel conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	865
R3-ME-3-24-g	Submains- FRLSZH -steel conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	317
R3-ME-3-24-h	Submains- FRLSZH -steel conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	437
R3-ME-3-24-i	Submains- FRLSZH -steel conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	750
R3-ME-3-24-j	Submains- FRLSZH -steel conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	414
R3-ME-3-24-k	Submains- FRLSZH -steel conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	539

R3-ME-3-24-l	Submains- FRLSZH -steel conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	719
R3-ME-3-24-m	Submains- FRLSZH -steel conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1144
R3-ME-3-24-n	Submains- FRLSZH -steel conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1697
<b>R3-ME-3-25</b>	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLSZH insulated copper conductor wire in surface/ recessed hot dipped GI conduit as required</b>		
R3-ME-3-25-a	Submains- FRLSZH GI conduit- 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire in 20mm Conduit	Mtr	166
R3-ME-3-25-b	Submains- FRLSZH GI conduit- 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire in 20mm Conduit	Mtr	212
R3-ME-3-25-c	Submains- FRLSZH GI conduit- 2 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	294
R3-ME-3-25-d	Submains- FRLSZH GI conduit- 2 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	384
R3-ME-3-25-e	Submains- FRLSZH GI conduit- 2 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	653
R3-ME-3-25-f	Submains- FRLSZH GI conduit- 2 X 16 sq. mm + 1 X 16 sq. mm earth wire in 32mm Conduit	Mtr	929
R3-ME-3-25-g	Submains- FRLSZH GI conduit- 3 X 4 sq. mm + 1 X 4 sq. mm earth wire in 25mm Conduit	Mtr	355
R3-ME-3-25-h	Submains- FRLSZH GI conduit- 3 X 6 sq. mm + 1 X 6 sq. mm earth wire in 25mm Conduit	Mtr	475
R3-ME-3-25-i	Submains- FRLSZH GI conduit- 3 X 10 sq. mm + 1 X 10 sq. mm earth wire in 32mm Conduit	Mtr	814
R3-ME-3-25-j	Submains- FRLSZH GI conduit- 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire in 38mm Conduit	Mtr	506
R3-ME-3-25-k	Submains- FRLSZH GI conduit- 4 X 4 sq. mm + 2 X 4 sq. mm earth wire in 38mm Conduit	Mtr	631
R3-ME-3-25-l	Submains- FRLSZH GI conduit- 4 X 6 sq. mm + 2 X 6 sq. mm earth wire in 38mm Conduit	Mtr	811
R3-ME-3-25-m	Submains- FRLSZH GI conduit- 4 X 10 sq. mm + 2 X 10 sq. mm earth wire in 38mm Conduit	Mtr	1236
R3-ME-3-25-n	Submains- FRLSZH GI conduit- 4 X 16 sq. mm + 2 X 16 sq. mm earth wire in 38mm Conduit	Mtr	1789
<b>R3-ME-3-26</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) : PVC conduit concealed with modular switches &amp; FRLSZH wires.</b>		

R3-ME-3-26-a	Light /Fan / Ex. fan Points Concealed Manner with Modular switches & FRLSZH wires	Each Pt.	793
R3-ME-3-26-b	3/5 Pin Independent Plug (IP) Concealed Manner with Modular switches & FRLSZH wires	Each Pt.	1109
R3-ME-3-26-c	5A/6A - 3/5 Half Plug Concealed Manner with Modular switches & FRLSZH wires	Each Pt.	241
R3-ME-3-26-d	Bell Point with Bell / Buzzer & 1 Bell Push Concealed Manner with Modular switches & FRLSZH wires	Each Pt.	1221
R3-ME-3-26-e	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator Concealed Manner with Modular switches & FRLSZH wires	Each Pt.	1250
<b>R3-ME-3-27</b>	<b>Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing &amp; 3 plate ceiling rose) using CASING-N CAPING</b>		
	<b>First Category Material</b>		
R3-ME-3-27-a	Light /Fan / Ex. fan Points	Each Pt.	720
R3-ME-3-27-b	2/3 Pin Independent Plug (IP)	Each Pt.	714
R3-ME-3-27-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	998
R3-ME-3-27-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1082
R3-ME-3-27-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1289
R3-ME-3-27-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1098
R3-ME-3-27-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	965
R3-ME-3-27-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1371
R3-ME-3-27-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1316
R3-ME-3-27-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	134
R3-ME-3-27-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	295
	<b>Second Category Material</b>		
R3-ME-3-27-l	Light /Fan / Ex. fan Points	Each Pt.	676
R3-ME-3-27-m	2/3 Pin Independent Plug (IP)	Each Pt.	697
R3-ME-3-27-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	979
R3-ME-3-27-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1060
R3-ME-3-27-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1262
R3-ME-3-27-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1198
R3-ME-3-27-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1041
R3-ME-3-27-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1215
R3-ME-3-27-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1097
R3-ME-3-27-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	166
R3-ME-3-27-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	360

<b>R3-ME-3-28</b>	<b>Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing &amp; 3 plate ceiling rose) using PVC CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-28-a	Light /Fan / Ex. fan Points	Each Pt.	775
R3-ME-3-28-b	2/3 Pin Independent Plug (IP)	Each Pt.	769
R3-ME-3-28-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1089
R3-ME-3-28-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1119
R3-ME-3-28-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1212
R3-ME-3-28-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1306
R3-ME-3-28-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1139
R3-ME-3-28-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1373
R3-ME-3-28-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1216
R3-ME-3-28-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	127
R3-ME-3-28-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	395
	<b>Second Category Material</b>		
R3-ME-3-28-l	Light /Fan / Ex. fan Points	Each Pt.	747
R3-ME-3-28-m	2/3 Pin Independent Plug (IP)	Each Pt.	742
R3-ME-3-28-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1055
R3-ME-3-28-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1085
R3-ME-3-28-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1178
R3-ME-3-28-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1272
R3-ME-3-28-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1104
R3-ME-3-28-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1336
R3-ME-3-28-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1171
R3-ME-3-28-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	124
R3-ME-3-28-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	382
<b>R3-ME-3-29</b>	<b>Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing &amp; 3 plate ceiling rose) using M.S. CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-29-a	Light /Fan / Ex. fan Points	Each Pt.	1302
R3-ME-3-29-b	2/3 Pin Independent Plug (IP)	Each Pt.	1296
R3-ME-3-29-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1968
R3-ME-3-29-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1998
R3-ME-3-29-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2091
R3-ME-3-29-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2185
R3-ME-3-29-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2110

R3-ME-3-29-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	2489
R3-ME-3-29-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2095
R3-ME-3-29-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	127
R3-ME-3-29-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	659
	<b>Second Category Material</b>		
R3-ME-3-29-l	Light /Fan / Ex. fan Points	Each Pt.	1274
R3-ME-3-29-m	2/3 Pin Independent Plug (IP)	Each Pt.	1269
R3-ME-3-29-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1934
R3-ME-3-29-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1963
R3-ME-3-29-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2057
R3-ME-3-29-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2150
R3-ME-3-29-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1983
R3-ME-3-29-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	2455
R3-ME-3-29-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2050
R3-ME-3-29-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	124
R3-ME-3-29-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	645
<b>R3-ME-3-30</b>	<b>Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing &amp; 3 plate ceiling rose) using G.I. CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-30-a	Light /Fan / Ex. fan Points	Each Pt.	1743
R3-ME-3-30-b	2/3 Pin Independent Plug (IP)	Each Pt.	1737
R3-ME-3-30-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2703
R3-ME-3-30-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2733
R3-ME-3-30-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2827
R3-ME-3-30-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2920
R3-ME-3-30-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2753
R3-ME-3-30-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	3090
R3-ME-3-30-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2830
R3-ME-3-30-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	127
R3-ME-3-30-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	526
	<b>Second Category Material</b>		
R3-ME-3-30-l	Light /Fan / Ex. fan Points	Each Pt.	1716
R3-ME-3-30-m	2/3 Pin Independent Plug (IP)	Each Pt.	1710
R3-ME-3-30-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2669
R3-ME-3-30-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2699

R3-ME-3-30-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2792
R3-ME-3-30-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2886
R3-ME-3-30-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2718
R3-ME-3-30-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	3057
R3-ME-3-30-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2785
R3-ME-3-30-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	124
R3-ME-3-30-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	513
<b>R3-ME-3-31</b>	<b>Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing &amp; 3 plate ceiling rose) using CONCEALED MANNER (WITH PVC CONDUIT PIPES, M.S. BOXES ETC.) POINTS</b>		
	<b>First Category Material</b>		
R3-ME-3-31-a	Light /Fan / Ex. fan Points	Each Pt.	801
R3-ME-3-31-b	2/3 Pin Independent Plug (IP)	Each Pt.	888
R3-ME-3-31-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1089
R3-ME-3-31-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1186
R3-ME-3-31-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1305
R3-ME-3-31-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1408
R3-ME-3-31-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1139
R3-ME-3-31-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1476
R3-ME-3-31-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1216
R3-ME-3-31-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	200
R3-ME-3-31-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	401
	<b>Second Category Material</b>		
R3-ME-3-31-l	Light /Fan / Ex. fan Points	Each Pt.	774
R3-ME-3-31-m	2/3 Pin Independent Plug (IP)	Each Pt.	861
R3-ME-3-31-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1055
R3-ME-3-31-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1151
R3-ME-3-31-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1271
R3-ME-3-31-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1374
R3-ME-3-31-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1104
R3-ME-3-31-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1445
R3-ME-3-31-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1171
R3-ME-3-31-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	197
R3-ME-3-31-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	388

<b>R3-ME-3-33</b>	<b>Point wiring by using FR insulated copper conductors (alongwith same size of FR insulated copper conductor for earthing &amp; 3 plate ceiling rose) : Carrying out point wiring in existing concealed empty conduit by using Cu wires, accessories for making complete point</b>		
R3-ME-3-33-a	Point Wiring in Existing Concealed Empty Conduit Light /Fan / Ex. fan Points	Each Pt.	382
R3-ME-3-33-b	Point Wiring in Existing Concealed Empty Conduit (3/5 Pin)Independent Plug (IP)	Each Pt.	428
R3-ME-3-33-c	Point Wiring in Existing Concealed Empty Conduit Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	465
R3-ME-3-33-d	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	474
R3-ME-3-33-e	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	539
R3-ME-3-33-f	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	612
R3-ME-3-33-g	Point Wiring in Existing Concealed Empty Conduit Gong Bell Pt. with 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	476
R3-ME-3-33-h	Point Wiring in Existing Concealed Empty Conduit Gong Bell Pt. with 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	856
R3-ME-3-33-i	Point Wiring in Existing Concealed Empty Conduit 15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp. SP Switch	Each Pt.	524
R3-ME-3-33-j	Point Wiring in Existing Concealed Empty Conduit 5A/6A - 3/5 Pin Plug On Board	Each Pt.	209
R3-ME-3-33-k	Point Wiring in Existing Concealed Empty Conduit Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	188
<b>R3-ME-3-34</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using CASING-N CAPING</b>		
	<b>First Category Material</b>		
R3-ME-3-34-a	Light /Fan / Ex. fan Points	Each Pt.	716
R3-ME-3-34-b	2/3 Pin Independent Plug (IP)	Each Pt.	742
R3-ME-3-34-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1012
R3-ME-3-34-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1091
R3-ME-3-34-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1283
R3-ME-3-34-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1389
R3-ME-3-34-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1090
R3-ME-3-34-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1305



R3-ME-3-34-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1309
R3-ME-3-34-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	197
R3-ME-3-34-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	374
	<b>Second Category Material</b>		
R3-ME-3-34-l	Light /Fan / Ex. fan Points	Each Pt.	689
R3-ME-3-34-m	2/3 Pin Independent Plug (IP)	Each Pt.	713
R3-ME-3-34-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	982
R3-ME-3-34-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1060
R3-ME-3-34-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1261
R3-ME-3-34-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1368
R3-ME-3-34-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1059
R3-ME-3-34-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1260
R3-ME-3-34-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1210
R3-ME-3-34-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	193
R3-ME-3-34-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	367
<b>R3-ME-3-35</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using PVC CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-35-a	Light /Fan / Ex. fan Points	Each Pt.	791
R3-ME-3-35-b	2/3 Pin Independent Plug (IP)	Each Pt.	786
R3-ME-3-35-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1131
R3-ME-3-35-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1191
R3-ME-3-35-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1369
R3-ME-3-35-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1462
R3-ME-3-35-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1219
R3-ME-3-35-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1398
R3-ME-3-35-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1406
R3-ME-3-35-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	194
R3-ME-3-35-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	394
	<b>Second Category Material</b>		
R3-ME-3-35-l	Light /Fan / Ex. fan Points	Each Pt.	763
R3-ME-3-35-m	2/3 Pin Independent Plug (IP)	Each Pt.	757
R3-ME-3-35-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1100
R3-ME-3-35-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1170
R3-ME-3-35-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1347

R3-ME-3-35-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1440
R3-ME-3-35-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1187
R3-ME-3-35-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1371
R3-ME-3-35-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1336
R3-ME-3-35-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	190
R3-ME-3-35-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	387
<b>R3-ME-3-36</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using M.S. CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-36-a	Light /Fan / Ex. fan Points	Each Pt.	1319
R3-ME-3-36-b	2/3 Pin Independent Plug (IP)	Each Pt.	1313
R3-ME-3-36-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2125
R3-ME-3-36-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2154
R3-ME-3-36-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2248
R3-ME-3-36-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2342
R3-ME-3-36-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2174
R3-ME-3-36-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	2536
R3-ME-3-36-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2606
R3-ME-3-36-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	201
R3-ME-3-36-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	659
	<b>Second Category Material</b>		
R3-ME-3-36-l	Light /Fan / Ex. fan Points	Each Pt.	1290
R3-ME-3-36-m	2/3 Pin Independent Plug (IP)	Each Pt.	1285
R3-ME-3-36-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2103
R3-ME-3-36-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2133
R3-ME-3-36-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2226
R3-ME-3-36-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2320
R3-ME-3-36-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2152
R3-ME-3-36-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	2514
R3-ME-3-36-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2540
R3-ME-3-36-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	194
R3-ME-3-36-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	653
<b>R3-ME-3-37</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using G.I. CONDUIT</b>		

	<b>First Category Material</b>		
R3-ME-3-37-a	Light /Fan / Ex. fan Points	Each Pt.	1058
R3-ME-3-37-b	2/3 Pin Independent Plug (IP)	Each Pt.	1754
R3-ME-3-37-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2860
R3-ME-3-37-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2890
R3-ME-3-37-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2984
R3-ME-3-37-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	3072
R3-ME-3-37-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	3058
R3-ME-3-37-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	3242
R3-ME-3-37-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	3254
R3-ME-3-37-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	127
R3-ME-3-37-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	528
	<b>Second Category Material</b>		
R3-ME-3-37-l	Light /Fan / Ex. fan Points	Each Pt.	1030
R3-ME-3-37-m	2/3 Pin Independent Plug (IP)	Each Pt.	1726
R3-ME-3-37-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2838
R3-ME-3-37-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2868
R3-ME-3-37-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2962
R3-ME-3-37-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	3055
R3-ME-3-37-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2888
R3-ME-3-37-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	3221
R3-ME-3-37-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	3150
R3-ME-3-37-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	126
R3-ME-3-37-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	521
<b>R3-ME-3-38</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using CONCEALED MANNER (WITH PVC CONDUIT PIPES, M.S. BOXES ETC.) POINTS</b>		
	<b>First Category Material</b>		
R3-ME-3-38-a	Light /Fan / Ex. fan Points	Each Pt.	818
R3-ME-3-38-b	2/3 Pin Independent Plug (IP)	Each Pt.	905
R3-ME-3-38-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1246
R3-ME-3-38-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1341
R3-ME-3-38-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1454
R3-ME-3-38-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1565
R3-ME-3-38-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1295
R3-ME-3-38-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1535

R3-ME-3-38-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1524
R3-ME-3-38-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	224
R3-ME-3-38-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	403
	<b>Second Category Material</b>		
R3-ME-3-38-l	Light /Fan / Ex. fan Points	Each Pt.	790
R3-ME-3-38-m	2/3 Pin Independent Plug (IP)	Each Pt.	876
R3-ME-3-38-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1224
R3-ME-3-38-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1319
R3-ME-3-38-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1432
R3-ME-3-38-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1543
R3-ME-3-38-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1274
R3-ME-3-38-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1494
R3-ME-3-38-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1448
R3-ME-3-38-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	219
R3-ME-3-38-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	396
<b>R3-ME-3-40</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) : Carrying out point wiring in existing concealed empty conduit by using Cu wires, accessories for making complete point</b>		
R3-ME-3-40-a	Point Wiring in Existing Concealed Empty Conduit Light /Fan / Ex. fan Points	Each Pt.	387
R3-ME-3-40-b	Point Wiring in Existing Concealed Empty Conduit (3/5 Pin)Independent Plug (IP)	Each Pt.	415
R3-ME-3-40-c	Point Wiring in Existing Concealed Empty Conduit Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	594
R3-ME-3-40-d	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	579
R3-ME-3-40-e	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	667
R3-ME-3-40-f	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	735
R3-ME-3-40-g	Point Wiring in Existing Concealed Empty Conduit Gong Bell Pt. with 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	580
R3-ME-3-40-h	Point Wiring in Existing Concealed Empty Conduit Gong Bell Pt. with 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	981

R3-ME-3-40-i	Point Wiring in Existing Concealed Empty Conduit 15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp. SP Switch	Each Pt.	922
R3-ME-3-40-j	Point Wiring in Existing Concealed Empty Conduit 5A/6A - 3/5 Pin Plug On Board	Each Pt.	171
R3-ME-3-40-k	Point Wiring in Existing Concealed Empty Conduit Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	190
<b>R3-ME-3-41</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using CASING-N CAPING</b>		
	<b>First Category Material</b>		
R3-ME-3-41-a	Light /Fan / Ex. fan Points	Each Pt.	760
R3-ME-3-41-b	2/3 Pin Independent Plug (IP)	Each Pt.	761
R3-ME-3-41-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1038
R3-ME-3-41-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1119
R3-ME-3-41-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1326
R3-ME-3-41-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1420
R3-ME-3-41-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1137
R3-ME-3-41-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1338
R3-ME-3-41-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1347
R3-ME-3-41-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	205
R3-ME-3-41-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	383
	<b>Second Category Material</b>		
R3-ME-3-41-l	Light /Fan / Ex. fan Points	Each Pt.	719
R3-ME-3-41-m	2/3 Pin Independent Plug (IP)	Each Pt.	713
R3-ME-3-41-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	982
R3-ME-3-41-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1060
R3-ME-3-41-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1262
R3-ME-3-41-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1368
R3-ME-3-41-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1078
R3-ME-3-41-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1260
R3-ME-3-41-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1226
R3-ME-3-41-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	195
R3-ME-3-41-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	367
<b>R3-ME-3-42</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using PVC CONDUIT</b>		

	<b>First Category Material</b>		
R3-ME-3-42-a	Light /Fan / Ex. fan Points	Each Pt.	810
R3-ME-3-42-b	2/3 Pin Independent Plug (IP)	Each Pt.	804
R3-ME-3-42-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1166
R3-ME-3-42-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1193
R3-ME-3-42-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1400
R3-ME-3-42-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1492
R3-ME-3-42-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1211
R3-ME-3-42-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1422
R3-ME-3-42-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1405
R3-ME-3-42-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	195
R3-ME-3-42-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	403
	<b>Second Category Material</b>		
R3-ME-3-42-l	Light /Fan / Ex. fan Points	Each Pt.	763
R3-ME-3-42-m	2/3 Pin Independent Plug (IP)	Each Pt.	757
R3-ME-3-42-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1075
R3-ME-3-42-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1102
R3-ME-3-42-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1300
R3-ME-3-42-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1393
R3-ME-3-42-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1120
R3-ME-3-42-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1343
R3-ME-3-42-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1027
R3-ME-3-42-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	122
R3-ME-3-42-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	387
<b>R3-ME-3-43</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using M.S. CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-43-a	Light /Fan / Ex. fan Points	Each Pt.	1337
R3-ME-3-43-b	2/3 Pin Independent Plug (IP)	Each Pt.	1331
R3-ME-3-43-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2155
R3-ME-3-43-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2185
R3-ME-3-43-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2278
R3-ME-3-43-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2366
R3-ME-3-43-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2204
R3-ME-3-43-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	2676
R3-ME-3-43-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2655

R3-ME-3-43-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	197
R3-ME-3-43-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	669
	<b>Second Category Material</b>		
R3-ME-3-43-l	Light /Fan / Ex. fan Points	Each Pt.	1290
R3-ME-3-43-m	2/3 Pin Independent Plug (IP)	Each Pt.	1285
R3-ME-3-43-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2056
R3-ME-3-43-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2085
R3-ME-3-43-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2179
R3-ME-3-43-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	2266
R3-ME-3-43-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2105
R3-ME-3-43-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	2577
R3-ME-3-43-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2177
R3-ME-3-43-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	123
R3-ME-3-43-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	653
<b>R3-ME-3-44</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using G.I. CONDUIT</b>		
	<b>First Category Material</b>		
R3-ME-3-44-a	Light /Fan / Ex. fan Points	Each Pt.	1077
R3-ME-3-44-b	2/3 Pin Independent Plug (IP)	Each Pt.	1773
R3-ME-3-44-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2891
R3-ME-3-44-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2920
R3-ME-3-44-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	3014
R3-ME-3-44-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	3107
R3-ME-3-44-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2940
R3-ME-3-44-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	3115
R3-ME-3-44-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	3096
R3-ME-3-44-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	131
R3-ME-3-44-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	537
	<b>Second Category Material</b>		
R3-ME-3-44-l	Light /Fan / Ex. fan Points	Each Pt.	1030
R3-ME-3-44-m	2/3 Pin Independent Plug (IP)	Each Pt.	1726
R3-ME-3-44-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	2791
R3-ME-3-44-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	2821
R3-ME-3-44-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	2915
R3-ME-3-44-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	3008
R3-ME-3-44-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	2841

R3-ME-3-44-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	3024
R3-ME-3-44-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	2659
R3-ME-3-44-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	126
R3-ME-3-44-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	521
<b>R3-ME-3-45</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) using CONCEALED MANNER (WITH PVC CONDUIT PIPES, M.S. BOXES ETC.) POINTS</b>		
	<b>First Category Material</b>		
R3-ME-3-45-a	Light /Fan / Ex. fan Points	Each Pt.	836
R3-ME-3-45-b	2/3 Pin Independent Plug (IP)	Each Pt.	915
R3-ME-3-45-c	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1276
R3-ME-3-45-d	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1372
R3-ME-3-45-e	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1484
R3-ME-3-45-f	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1564
R3-ME-3-45-g	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1326
R3-ME-3-45-h	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1422
R3-ME-3-45-i	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1603
R3-ME-3-45-j	5A/6A - 3/5 Pin Plug On Board	Each Pt.	212
R3-ME-3-45-k	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	412
	<b>Second Category Material</b>		
R3-ME-3-45-l	Light /Fan / Ex. fan Points	Each Pt.	790
R3-ME-3-45-m	2/3 Pin Independent Plug (IP)	Each Pt.	868
R3-ME-3-45-n	Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	1177
R3-ME-3-45-o	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	1272
R3-ME-3-45-p	Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	1385
R3-ME-3-45-q	Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	1464
R3-ME-3-45-r	Gong Bell Pt. With 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	1226
R3-ME-3-45-s	Gong Bell Pt. With 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	1343
R3-ME-3-45-t	15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp SP Switch	Each Pt.	1170
R3-ME-3-45-u	5A/6A - 3/5 Pin Plug On Board	Each Pt.	151
R3-ME-3-45-v	Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	396



<b>R3-ME-3-47</b>	<b>Point wiring by using FRLSZH insulated copper conductors (alongwith same size of FRLSZH insulated copper conductor for earthing &amp; 3 plate ceiling rose) : Carrying out point wiring in existing concealed empty conduit by using Cu wires, accessories for making complete point</b>		
R3-ME-3-47-a	Point Wiring in Existing Concealed Empty Conduit Light /Fan / Ex. fan Points	Each Pt.	392
R3-ME-3-47-b	Point Wiring in Existing Concealed Empty Conduit (3/5 Pin)Independent Plug (IP)	Each Pt.	397
R3-ME-3-47-c	Point Wiring in Existing Concealed Empty Conduit Bell Point with Bell / Buzzer & 1 Bell Push	Each Pt.	469
R3-ME-3-47-d	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator	Each Pt.	493
R3-ME-3-47-e	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 2 Bell Push & 2 Indicator	Each Pt.	486
R3-ME-3-47-f	Point Wiring in Existing Concealed Empty Conduit Bell Point With Bell / Buzzer with 3 Bell Push & 3 Indicator	Each Pt.	491
R3-ME-3-47-g	Point Wiring in Existing Concealed Empty Conduit Gong Bell Pt. with 150 mm Size Gong Bell & 1 Bell Push	Each Pt.	489
R3-ME-3-47-h	Point Wiring in Existing Concealed Empty Conduit Gong Bell Pt. with 225 mm Size Gong Bell & 1 Bell Push	Each Pt.	491
R3-ME-3-47-i	Point Wiring in Existing Concealed Empty Conduit 15 / 5 A / 6 A Combined Power Plug Socket Point with Fuse and Indicating Lamp, One 15 Amp. SP Switch	Each Pt.	517
R3-ME-3-47-j	Point Wiring in Existing Concealed Empty Conduit 5A/6A - 3/5 Pin Plug On Board	Each Pt.	49
R3-ME-3-47-k	Point Wiring in Existing Concealed Empty Conduit Group Control Point Wiring 4-8 Points Controlled by One 15 A SP Switch	Each Pt.	195
<b>R3-ME-3-48</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) : Casing &amp; Caping with modular switches &amp; FRLSH wires.</b>		
R3-ME-3-48-a	Light /Fan / Ex. fan Points with Modular switches & FRLSH wires	Each Pt.	758
R3-ME-3-48-b	3/5 Pin Independent Plug (IP) with Modular switches & FRLSH wires	Each Pt.	839
R3-ME-3-48-c	5A/6A - 3/5 Half Plug with Modular switches & FRLSH wires	Each Pt.	279
R3-ME-3-48-d	Bell Point with Bell / Buzzer & 1 Bell Push with Modular switches & FRLSH wires	Each Pt.	893
R3-ME-3-48-e	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator with Modular switches & FRLSH wires	Each Pt.	903

<b>R3-ME-3-49</b>	<b>Point wiring by using FRLSH insulated copper conductors (alongwith same size of FRLSH insulated copper conductor for earthing &amp; 3 plate ceiling rose) : PVC conduit concealed with modular switches &amp; FRLSH wires.</b>		
R3-ME-3-49-a	Light /Fan / Ex. fan Points with Modular switches & FRLSH wires	Each Pt.	803
R3-ME-3-49-b	3/5 Pin Independent Plug (IP) with Modular switches & FRLSH wires	Each Pt.	883
R3-ME-3-49-c	5A/6A - 3/5 Half Plug with Modular switches & FRLSH wires	Each Pt.	272
R3-ME-3-49-d	Bell Point with Bell / Buzzer & 1 Bell Push with Modular switches & FRLSH wires	Each Pt.	1103
R3-ME-3-49-e	Bell Point With Bell / Buzzer with 1 Bell Push & 1 Indicator with Modular switches & FRLSH wires	Each Pt.	1220

<b>GROUP D- LIGHTING, FIXTURES, INVERTER, FANS, WATER HEATERS</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEM</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
	<b>FITTING &amp; FIXTURES</b>		
<b>AH</b>	<b>Outdoor Lighting (SP-ME-TS- 19):</b>		
<b>R3-ME-4-1</b>	<b>Light fixtures complete with: a) All fixing accessories, mounting Brackets etc. necessary for completeness of installation. b) Lamp of specified wattage c) Electronic ballast of suitable capacity as per specification</b>		
R3-ME-4-1-a	Outdoor type post top lantern Bowl moulded diamond shape with 70 W HPSV lamp & control gear (Integral type).	Nos	3433
R3-ME-4-1-b	Post Top Lantern fitting suitable for 70W HPSV Lamp complete wired with ballast and all accessories with 70W SV lamp	Nos	5284
R3-ME-4-1-c	Street light fixtures with 70 W HPSV lamp (Integral type).	Nos	4648
R3-ME-4-1-d	Street light fixtures with 150 W HPSV lamp (Integral type).	Nos	5462
R3-ME-4-1-e	Street light fixtures with 250 W HPSV lamp (Integral type).	Nos	6767
R3-ME-4-1-f	Street light fixtures with 400 W HPSV lamp (Integral type).	Nos	10847
R3-ME-4-1-g	Flood light luminaire complete with 1 No. 250W HPSV lamp & complete with cast Aluminium control gear box & choke ignitors & all accessories, fixing arrangements by using heavy duty gauge M.S./ G.I. bracket dully painted in approved manner	Nos	8347
R3-ME-4-1-h	Flood light luminaire complete with 1 No. 400W HPSV lamp & complete with cast Aluminium control gear box & choke ignitors & all accessories, fixing arrangements by using heavy duty gauge M.S./ G.I. bracket dully painted in approved manner.	Nos	8610
R3-ME-4-1-i	SITC of Direct light outdoor floodlight Colour temperature [K]: 3000	Nos	8637
R3-ME-4-1-j	SITC of IP65 Outdoor luminaire ) Life Time LED 2: 74,000h - L80 - B10 (Ta 40°C)	Nos	8020
R3-ME-4-1-k	SITC of IP65 Outdoor luminaire ) Life Time LED 2: 74,000h - L80 - B10 (Ta 40°C)	Nos	2209
R3-ME-4-1-l	SITC of Outdoor surface wall asymmetric distribution Bulkhead fixture CCT : 3000K	Nos	4936
<b>AI</b>	<b>High Bay / Low bay industrial lighting (SP-ME-TS- 19)</b>		

<b>R3-ME-4-2</b>	<b>Light fixtures complete with:</b> <b>a) All fixing accessories, mounting Brackets etc. necessary for completeness of installation.</b> <b>b) Lamp of specified wattage</b> <b>c) Electronic ballast of suitable capacity as per specification</b>		
R3-ME-4-2-a	Highbay luminaire suitable for 150 W HPSV lamp complete with HPSV lamp (Integral type).	Nos	7436
R3-ME-4-2-b	Highbay luminaire suitable for 250 W HPSV lamp complete with all accessories and 250 W HPSV lamp (Integral type).	Nos	9509
<b>AJ</b>	<b>Downlighter/Wall mounted CFL (SP-ME-TS- 19)</b>		
<b>R3-ME-4-3</b>	<b>Light fixtures complete with:</b> <b>a) All fixing accessories, mounting Brackets etc. necessary for completeness of installation.</b> <b>b) Lamp of specified wattage</b> <b>c) Electronic ballast of suitable capacity as per specification</b>		
R3-ME-4-3-a	Downlighter/Wall mounted CFL- 2X18 W Round surface mounting CFL luminaire	Nos	2432
R3-ME-4-3-b	Downlighter/Wall mounted CFL -1X10W surface mounting CFL down lighter (open type)	Nos	1487
R3-ME-4-3-c	Downlighter/Wall mounted CFL -1X18W surface mounting CFL down lighter	Nos	1487
R3-ME-4-3-d	Downlighter/Wall mounted CFL -2X10W surface mounting CFL down lighter	Nos	1644
R3-ME-4-3-e	SITC of IP67, linear surface-mounted LED luminaire. Extruded H-shaped aluminum profile.	Nos	19742
R3-ME-4-3-f	SITC of IP67 linear surface-mounted LED luminaire. Extruded H-shaped aluminum profile.	Nos	22210
<b>AK</b>	<b>METAL HALIDE FITTING (SP-ME-TS- 19)</b>		
<b>R3-ME-4-4</b>	<b>Light fixtures complete with:</b> <b>a) All fixing accessories, mounting Brackets etc. necessary for completeness of installation.</b> <b>b) Lamp of specified wattage</b> <b>c) Electronic ballast of suitable capacity as per specification</b>		
R3-ME-4-4-a	Industrial Flood light Symmetrical, Integral type luminaire with 250W metal halide lamp with control gear and filament as per specification	Nos	10644
R3-ME-4-4-b	Industrial Flood light Symmetrical, Integral type luminaire with 400W metal halide lamp with control gear and filament as per specification	Nos	12165
<b>AL</b>	<b>T-5 Fixtures (SP-ME-TS-20)</b>		

<b>R3-ME-4-5</b>	<b>Light fixtures complete with:</b> <b>a) All fixing accessories, mounting Brackets etc. necessary for completeness of installation.</b> <b>b) Lamp of specified wattage</b> <b>c) Electronic ballast of suitable capacity as per specification</b>		
R3-ME-4-5-a	1x28W, T-5 Fixtures, comprises of M.S.Powder coated with end cap. The fixtures complete with high efficiency electronic ballast and PF= 0.98 complete with bright reflector & T-5 lamp	Nos	1394
R3-ME-4-5-b	2x28W, T-5 Fixtures, comprises of M.S.Powder coated with end cap. The fixtures complete with high efficiency electronic ballast and PF= 0.98 complete with bright reflector & T-5 lamp	Nos	1928
R3-ME-4-5-c	1x28W, T-5 Industrial Luminaires comprises of CRCA box channel with bi-directional M.S. white powder coated reflector and end cap. The luminaires prewired with high efficiency electronics ballast suitable for T-5 Lamps & PF > 0.98, & T-5 lamp.	Nos	1225
R3-ME-4-5-d	2x28W, T-5 Industrial Luminaires comprises of CRCA box channel with bi-directional M.S. white powder coated reflector and end cap. The luminaires prewired with high efficiency electronics ballast suitable for T-5 Lamps & PF > 0.98, & T-5 lamp.	Nos	1919
R3-ME-4-5-e	1x28W, T-5 Fixtures,surface mounted mirror optic fitting with bright aluminium reflector luminaire made of powder coated CRCA housing prewired with High efficiency Electronic ballast suitable for T 5 lamp and PF 0.98 with T-5 lamp.	Nos	2524
R3-ME-4-5-f	2x28W, T-5 Fixtures,surface mounted with mirror optic fitting with bright aluminium reflector luminaire made of powder coated CRCA housing prewired with 2 nos High efficiency Electronic ballasts and PF 0.98 with T-5 lamps.	Nos	2797
R3-ME-4-5-k	Garden light luminaire type bollard of powder coated aluminium housing suitable for PLS 1 x 9 / 18 W lamp along with gear unit and 1 No. PLS 9 / 18 W lamp	Nos	3835
R3-ME-4-5-l	Chalk Board Fitting 1 x 28W T-5 made of powder coated CRCA housing with key hole provision for hanging over chalk boards and half reflector , prewired with high efficiency electronics ballast & PF > 0.98.	Nos	4894
R3-ME-4-5-ax	Clear/lining acrylic cover for-1X28 W T-5 Fixtures comprises of MS powder coating for T5 tube protection and end cap. The fixture completed with high efficiency electronic ballast	Nos	216
<b>AM</b>	<b>INVERTER (SP-ME-TS-56)</b>		

R3-ME-4-11-a	Inverter of 1KVA , single phase input and output with Tubular Battery(12X2) 200 AH Duration 4 Hrs.	Nos	52661
R3-ME-4-11-b	Inverter of 2KVA, single phase input and output with Tubular Battery(12X4) 200 AH Duration 4 Hrs.	Nos	102056
R3-ME-4-11-c	Inverter of 3KVA, single phase input and output with Tubular Battery(12X4) 200 AH Duration 3 Hrs.	Nos	105584
R3-ME-4-11-d	Inverter of 5KVA , single phase input and output with Tubular Battery(12X10) 200 AH Duration 4 Hrs.	Nos	169963
R3-ME-4-11-e	Inverter of 7.5KVA, single phase input and output with Tubular Battery(12X10) 200 AH Duration 4 Hrs.	Nos	273875
R3-ME-4-11-f	Inverter of 10KVA, single phase input and output with Tubular Battery(12X10) 200 AH Duration 4 Hrs.	Nos	294827
R3-ME-4-11-g	Inverter of 15KVA , single phase input and output with Tubular Battery(12X20) 200 AH Duration 4 Hrs.	Nos	554661
R3-ME-4-11-h	Inverter of 20KVA , single phase input and output with Tubular Battery(12X20) 200 AH Duration 4 Hrs.	Nos	577869
R3-ME-4-11-i	Inverter of 25KVA, single phase input and output with Tubular Battery(12X30) 200 AH Duration 4 Hrs.	Nos	745763
R3-ME-4-11-j	Inverter 30KVA , single phase input and output with Tubular Battery(12X30) 200 AH Duration 4 Hrs.	Nos	634557
R3-ME-4-11-k	Inverter of 40KVA, single phase input and output with Tubular Battery(12X30) 200 AH Duration 4 Hrs.	Nos	682101
R3-ME-4-11-l	Inverter of 50KVA, single phase input and output with Tubular Battery(12X30) 200 AH Duration 4 Hrs.	Nos	706907
R3-ME-4-11-m	12V 200 AH Tubular battery with stand	Nos	19275
<b>AN</b>	<b>FANS (SP-ME-TS-28)</b>		
R3-ME-4-12-a	Ceiling fan of 600 mm sweep with <b>all accessories including Electronic Regulator</b> for completing installation	Nos	2094
R3-ME-4-12-b	Ceiling fan of 900 mm sweep with <b>all accessories including Electronic Regulator</b> for completing installation	Nos	2094
R3-ME-4-12-c	Ceiling fan of 1050 mm sweep with <b>all accessories including Electronic Regulator</b> for completing installation	Nos	2094
R3-ME-4-12-d	Ceiling fan of 1200 mm sweep with <b>all accessories including Electronic Regulator</b> for completing installation	Nos	2094
R3-ME-4-12-e	Ceiling fan of 1400 mm sweep with <b>all accessories including Electronic Regulator</b> for completing installation	Nos	2254
R3-ME-4-12-f	Table fan of 400 mm sweep , A.C. 230 V. 50 Hz , oscillating type complete with 2 mtrs. of 3 core 1.5sqmm, PVC insulated , copper conductor , flexible wire and Hand shield type 3 pin plug top.	Nos	2476

R3-ME-4-12-g	Exhaust fan of 150mm sweep, 1400RPM, AC, 230V , 50 Hz, single phase complete with all necessary accessories for completing installation	Nos	1335
R3-ME-4-12-h	Exhaust fan of 230mm sweep, 1400RPM, with 450 CFM free air delivery, AC 230V/415V , 50 Hz, single phase / three phase complete with all necessary accessories for completing installation .	Nos	1751
R3-ME-4-12-i	Exhaust fan of 305mm sweep, 900/1400RPM, with 750 CFM free air delivery, AC 230V/415V , 50 Hz, single phase / three phase complete with all necessary accessories for completing installation .	Nos	2538
R3-ME-4-12-j	Exhaust fan of 380mm sweep, 900/950RPM, with 1350 CFM free air delivery, AC 230V , 50 Hz, single phase complete with all necessary accessories for completing installation	Nos	2614
R3-ME-4-12-k	Exhaust fan of 380mm sweep, 900RPM, with 2350 CFM free air delivery, AC 230V , 50 Hz, single phase complete with all necessary accessories for completing installation	Nos	2022
R3-ME-4-12-l	Exhaust fan of 450mm sweep, 1400RPM, with 3650 CFM free air delivery, AC 415V , 50 Hz, Three phase complete with all necessary accessories for completing installation	Nos	5335
R3-ME-4-12-m	Exhaust fan of 600mm sweep, 700RPM, with 4800 CFM free air delivery, AC 415V , 50 Hz, Three phase complete with all necessary accessories for completing installation	Nos	13414
R3-ME-4-12-n	Pedestal fan of 400mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with guard and regulator 3 mtrs. of 3 core 1.5sqmm, PVC insulated , copper conductor , flexible wire and Hand shield type 3 pin plug top.	Nos	3432
R3-ME-4-12-o	Pedestal fan of 450mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with guard and regulator 3 mtrs. of 3 core 1.5sqmm, PVC insulated , copper conductor , flexible wire and Hand shield type 3 pin plug top.	Nos	4071
R3-ME-4-12-p	Wall mounting fan of 400mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with all necessary accessories for completing installation.	Nos	2537
R3-ME-4-12-q	Wall mounting air circulator of 450mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with all necessary accessories for completing installation.	Nos	5026
R3-ME-4-12-r	Wall mounting air circulator of 600mm sweep, 230 Volts,AC 50 Hz, oscillating type complete with all necessary accessories for completing installation.	Nos	6271
R3-ME-4-12-s	Fan safety rope/ Fan wire.	Nos	326

R3-ME-4-12-t	Supply and fixing of Step type Electronic Fan Regulator minimum rated for 100W	Nos	335
	<b>GONG BELL</b>		
R3-ME-4-13-a	Heavy duty gong bell 150 mm dia on polished wooden board with all necessary accessories for completing installation.	Nos	1599
R3-ME-4-13-b	Heavy duty gong bell 225 mm dia on polished wooden board with all necessary accessories for completing installation.	Nos	1819
	<b>WATER HEATERS (SP-ME-TS-19)</b>		
R3-ME-4-14-a	Storage type Horizontal / vertical water heater 3 Liters capacity on wall / loft as per specification.	Nos	3175
R3-ME-4-14-b	Storage type Horizontal / vertical water heater 5/6 Liters capacity on wall / loft as per specification.	Nos	5188
R3-ME-4-14-c	Storage type Horizontal / vertical water heater 10 Liters capacity on wall / loft as per specification.	Nos	5423
R3-ME-4-14-d	Storage type Horizontal / vertical water heater 15 Liters capacity on wall / loft as per specification.	Nos	5942
R3-ME-4-14-e	Storage type Horizontal / vertical water heater 25 Liters capacity on wall / loft as per specification.	Nos	6971
	<b>S'TYPE HOOK FOR CEILING FANS:(SP-ME-TS-19)</b>		
R3-ME-4-15-a	S' type M.S. fan hook fabricated from suitable dia. M.S. rod duly painted for fixing of ceiling fan. The 'S' type hook shall be fixed to steel bar in RCC ceiling. The ceiling shall be replastered with sand, cement & neeru etc. The cost of labours for chipping out ceiling upto steel bar & fixing of 'S' hook & resurfacing the ceiling is included in the cost of item.	Nos	238
R3-ME-4-15-b	S' type M.S. fan hook fabricated from suitable dia. M.S. rod for fixing ceiling fan by using pair of Anchor fastener.	Set	192
R3-ME-4-15-c	S' type M.S. fan hook fabricated from suitable dia. M.S. rod & suitable size M.S. brackets, nut bolts, washers for fixing ceiling fan on trusses. The 'S' type hook & bracket shall be painted in approved manner.	Nos	225
<b>AO</b>	<b>FIXING OF TUBE LIGHT FIXTURES USING TWIN DOWN M.S. CONDUIT, BALL SOCKET, FLANGES / CHECK NUT ETC. WITH PAINTING. (SP-ME-TS- 19)</b>		
<b>R3-ME-4-16</b>	<b>Fixing of tube light fixtures with MS down rods, ball socket , flanges , painting etc as required for completing installation as per specification</b>		
R3-ME-4-16-a	Fixing of tube light fixtures with MS down rods, Upto 0.5 Mtr.	Set	177
R3-ME-4-16-b	Above 0.5 Mtr. to 1 Mtr.Fixing of tube light fixtures with MS down rods,	Set	354
R3-ME-4-16-c	Fixing of tube light fixtures with MS down rods, Above 1 mtr. to 1.5 Mtr.	Set	528



R3-ME-4-16-d	Fixing of tube light fixtures with MS down rods, Above 1.5 mtr. to 3.0 Mtr.	Set	703
<b>Fan</b>	<b>FIXING OF CEILING FANS WITH EXTENDED 1/2" G.I./ M.S. PIPE WITH SHACKLE MOUNTING ETC. WITH PAINTING:</b>		
<b>R3-ME-4-17</b>	<b>Fixing of Ceiling fans with MS down rod, painting etc as required for completing installation as per specification</b>		
R3-ME-4-17-a	Fixing of Ceiling fans Upto 0.5 Mtr.	Set	123
R3-ME-4-17-b	Fixing of Ceiling fans Above 0.5 Mtrs. to 1 Mtr.	Set	244
R3-ME-4-17-c	Fixing of Ceiling fans Above 1 mtr. to 1.5 Mtr.	Set	368
R3-ME-4-17-d	Fixing of Ceiling fans Above 1.5 mtr. to 3.0 Mtr.	Set	739
<b>Siren</b>	<b>ELECTRONIC SIREN 220V A.C. AUDIBLE RANGE: (SP-ME-TS-57)</b>		
<b>R3-ME-4-18</b>	<b>Electronic siren, single phase 230V AC,6000rpm , horizontal mounting , with weather shade with complete installation as per specification.</b>		
R3-ME-4-18-a	Electronic siren, single phase 230V AC,6000rpm , -Audible range 0.50 km.	Nos	5175
R3-ME-4-18-b	Electronic siren, single phase 230V AC,6000rpm , -Audible range 1.0 km.	Nos	5834
R3-ME-4-18-c	Electronic siren, single phase 230V AC,6000rpm , -Audible range 1.50 km.	Nos	8248
<b>R3-ME-4-20</b>	<b>Supply and installation of fly killer of following types:-</b>		
R3-ME-4-20-a	Standard Industrial type Fly killer with M.S. body, 4 X 20W tube and approx. area covered: 2000 sq.ft.	Nos	4264
R3-ME-4-20-b	Standard Large Industrial type Fly killer with M.S. body, 2 X 20W tube and approx. area covered: 2500 sq.ft.	Nos	3701
R3-ME-4-20-c	Standard Extra Large Industrial type Fly killer with M.S. body, 2 X 40W tube and approx. area covered : 2500 - 3000 sq.ft.	Nos	10575
<b>R3-ME-4-21</b>	<b>Energy saver bulkhead luminaire, made of cast aluminum body pretreated and stove enameled paint with polycarbonate housing in various colours duly wired with ballast and all accessories mounted on a CRCA sheet steel tray,a high impact clear prismatic heat &amp; UV resistant polycarbonate diffuser with protection class of at least IP 54 (SP-ME-TS-23)</b>		
R3-ME-4-21-a	Energy saver bulkhead luminaire with 5/8W CFL lamp	Nos	636
R3-ME-4-21-b	Energy saver bulkhead luminaire with 9/11W CFL lamp	Nos	636
R3-ME-4-21-c	Energy saver bulkhead luminaire with 15/20W CFL lamp	Nos	636
R3-ME-4-21-d	Energy saver bulkhead luminaire with 23W CFL lamp	Nos	636
R3-ME-4-21-e	Energy saving Electronic Ballast	Nos	1425
<b>STREET LIGHT</b>	<b>STREET LIGHT - ENERGY EFFICIENT TUBE LIGHT FIXTURE</b>		

<b>R3-ME-4-22</b>	<b>Energy efficient street light fixtures with housing one piece Aluminum Deep drawn body with clear acrylic cover with high purity Aluminum reflector, electronic ballast having p.f. 0.98 and protection class of IP 65, with following lamps</b>		
R3-ME-4-22-a	Energy efficient street light fixtures -4 x 14W T-5	Nos	6936
R3-ME-4-22-b	Energy efficient street light fixtures -4 x 24W T-5	Nos	6936
<b>R3-ME-4-23</b>	<b>CFL FIXTURES: RECESSED MOUNTED CFL LUMINARIES 36W</b>		
R3-ME-4-23-a	RECESSED MOUNTED CFL LUMINARIES 2 x PLL 36W	Nos	4064
R3-ME-4-23-b	RECESSED MOUNTED CFL LUMINARIES 3 x PLL 36W	Nos	5031
<b>R3-ME-4-24</b>	<b>RECESSED MOUNTED CFL LUMINAIRE LOW WATTAGE</b>		
R3-ME-4-24-a	RECESSED MOUNTED CFL LUMINAIRE LOW WATTAGE 2 x PL-S 9 W	Nos	1847
R3-ME-4-24-b	RECESSED MOUNTED CFL LUMINAIRE LOW WATTAGE 2 x PLL-S 11 W	Nos	1847
R3-ME-4-24-c	Gate post fitting with PL 11 watts lamp.	Nos	2731
<b>R3-ME-4-25</b>	<b>ELECTRONICS BALLAST (SP-ME-TS-27): Electronic ballast having compact design , robust with THD less than 10% and working range from -170V to + 250V AC, Passive power factor correction &gt;0.98 and as per specification.</b>		
R3-ME-4-25-a	Electronic Ballast 1 X 36w FTL	Nos	285
R3-ME-4-25-b	Electronic Ballast 2 X 36w FTL	Nos	508
R3-ME-4-25-c	Electronic Ballast 1 X 14 / 28W T5 Lamps	Nos	284
R3-ME-4-25-d	Electronic Ballast 2 X 14 / 28W T5 Lamps	Nos	391
R3-ME-4-25-e	Electronic Ballast 1 X 24/54W T5 (HO)Lamps	Nos	716
R3-ME-4-25-f	Electronic Ballast 80W HPMV	Nos	518
R3-ME-4-25-g	Electronic Ballast 125W HPMV	Nos	499
R3-ME-4-25-h	Electronic Ballast 250W HPMV	Nos	785
R3-ME-4-25-i	Electronic Ballast 400W HPMV	Nos	1196
R3-ME-4-25-j	Electronic Ballast 70W HPSV/MH	Nos	424
R3-ME-4-25-k	Electronic Ballast 150W HPSV/MH	Nos	683
R3-ME-4-25-l	Electronic Ballast 250W HPSV/MH	Nos	967
R3-ME-4-25-m	Electronic Ballast 400W HPSV/MH	Nos	1504
<b>R3-ME-4-26</b>	<b>CORROSION PROOF ENERGY SAVER LUMINAIRE (SP-ME-TS-21)</b>		

R3-ME-4-26-a	2 x 36W PLL Corrosion Proof Polycarbonate Luminaire IP65 - High Impact proof multipurpose utility lighting for ROAD lighting and also could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof, corrosion proof and high impact proof against vandalism. The fixture is wired with electronic ballast & accessories on a galvanized tray with mirror reflector. A clear UV resistant Polycarbonate Diffuser/cover is hinged to the housing with silicon rubber gasket.	Nos	2174
R3-ME-4-26-b	1 x 36W PLL Corrosion Proof Polycarbonate Luminaire IP65 - High Impact proof multipurpose utility lighting for ROAD lighting and also could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof, corrosion proof and high impact proof against vandalism. The fixture is wired with electronic ballast & accessories on a galvanized tray with mirror reflector. A clear UV resistant Polycarbonate Diffuser/cover is hinged to the housing with silicon rubber gasket.	Nos	1419
R3-ME-4-26-c	20W LED Street Light Luminaire with Polycarbonate Diffuser IP65 - High Impact proof multipurpose utility lighting for ROAD lighting and also could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof, corrosion proof and high impact proof against vandalism. The housing comprises of Aluminum extruded body wired with high powered LED, Electronic Driver. High Powered LED mounted on Aluminum clad PCB A clear UV resistant Polycarbonate Diffuser/cover is hinged to the housing with silicon rubber gasket.	Nos	2742
R3-ME-4-26-d	30W LED Street Light Luminaire with Polycarbonate Diffuser IP65 - High Impact proof multipurpose utility lighting for ROAD lighting and also could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof, corrosion proof and high impact proof against vandalism. The housing comprises of Aluminum extruded body wired with high powered LED, Electronic Driver. High Powered LED mounted on Aluminum clad PCB A clear UV resistant Polycarbonate Diffuser/cover is hinged to the housing with silicon rubber gasket.	Nos	2532

R3-ME-4-26-e	20W LED Flood Light Luminaire IP65 - Integral type multipurpose utility lighting with mounting bracket and could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof and Toughened glass against vandalism. The housing comprises of Aluminum die cast LM6 aluminum alloy body wired with Electronic driver and 1 watt high powered LED with pre-focussed lens at various degrees. A clear Toughened glass is sealed to the Aluminum die cast LM6 aluminum alloy frame and to the housing with silicon rubber gasket.	Nos	2579
R3-ME-4-26-f	2 x 26 W PLC Polycarbonate Bulkhead IP65 - Integral type Polycarbonate Bulkhead fitting for multipurpose utility lighting and could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof and high impact Polycarbonate against vandalism. The housing comprises of Aluminum die cast LM6 aluminum alloy body. A clear prismatic heat and UV resistant polycarbonate bowl with silicon gasket seals the fixture to IP65 protection by preventing ingress of dust & insects rendering it Dust Proof & weather proof.	Nos	738
R3-ME-4-26-g	2 x 18 W PLC Polycarbonate Bulkhead IP65 - Integral type Polycarbonate Bulkhead fitting for multipurpose utility lighting and could be ceiling & wall mounted. Designed to be Energy Saver, Dust proof, Weatherproof and high impact Polycarbonate against vandalism. The housing comprises of Aluminum die cast LM6 aluminum alloy body. A clear prismatic heat and UV resistant polycarbonate bowl with silicon gasket seals the fixture to IP65 protection by preventing ingress of dust & insects rendering it Dust Proof & weather proof.	Nos	738
R3-ME-4-26-h	Energy saver street light 2x 11W PL lamp luminaire, moulded ABS (engineering plastic) housing, including all accessories mounted on a CRCA sheet steel tray with bright mirror finish reflector and a clear light stabilized acrylic cover . Luminaire shall be with electronic ballast, lamp, prewired terminal block , hanging arrangement for acrylic bowl for ease of maintenance, weatherproof (IP 65 protection),High power factor > 0.92 and as per specification. (SP-ME-TS-24)	Nos	1038
<b>R3-ME-4-27</b>	<b>LED LIGHT FIXTURES (SP-ME-TS-21a): LED Street Light fittings:-</b>		
R3-ME-4-27-a	Outdoor LED Street Light fittings – 15-24 W	Nos	1575
R3-ME-4-27-b	Outdoor LED Street Light fittings – 24-36 W	Nos	1897
R3-ME-4-27-c	Outdoor LED Street Light fittings – 36-48 W	Nos	3459

R3-ME-4-27-d	Outdoor LED Street Light fittings – 48-60 W	Nos	4506
R3-ME-4-27-e	Outdoor LED Street Light fittings – 70-90 W	Nos	4933
R3-ME-4-27-f	Outdoor LED Street Light fittings – 100-120 W	Nos	7872
R3-ME-4-27-g	Outdoor LED Street Light fittings – 130-150 W	Nos	8517
R3-ME-4-27-h	Outdoor LED Street Light fittings – 160-180 W	Nos	13368
R3-ME-4-27-i	Outdoor LED Street Light fittings – 190-210 W	Nos	15156
R3-ME-4-27-j	Outdoor LED Street Light fittings – 220-250 W	Nos	17093
R3-ME-4-27-k	Outdoor LED Street Light fittings – 250- 270 W	Nos	17262
<b>R3-ME-4-28</b>	<b>SITC LED Flood Light Fitting:-</b>		
R3-ME-4-28-a	SITC LED Flood Light Fitting -150 W	Nos	9600
R3-ME-4-28-b	SITC LED Flood Light Fitting -210 W	Nos	18069
<b>R3-ME-4-29</b>	<b>LED Post top Lantern/ Handi type-</b>		
R3-ME-4-29-a	LED Post top Lantern/ Handi type – 50 W	Nos	7910
R3-ME-4-29-b	LED Post top Lantern/ Handi type – 105 W	Nos	10924
<b>R3-ME-4-30</b>	<b>LED Highbay luminary:-</b>		
R3-ME-4-30-a	LED Highbay luminary -150 W	Nos	9305
R3-ME-4-30-b	LED Highbay luminary 210 W	Nos	11767
<b>R3-ME-4-31</b>	<b>LED Low Bay luminary:-</b>		
R3-ME-4-31-a	LED Low Bay luminary -150W	Nos	9411
R3-ME-4-31-b	LED Low Bay luminary – 210 W	Nos	12234
R3-ME-4-31-c	Garden Light LED Luminiare Bollard Type	Nos	5276
R3-ME-4-31-d	LED Gate post fitting	Nos	10680
<b>R3-ME-4-32</b>	<b>Downlighter/Wall mounted LED:-</b>		
R3-ME-4-32-a	INDOOR LED FIXTURES -Downlighter/Wall mounted LED 5-8 W	Nos	410
R3-ME-4-32-b	INDOOR LED FIXTURES -Downlighter/Wall mounted LED 9-10 W	Nos	499
R3-ME-4-32-c	INDOOR LED FIXTURES -Downlighter/Wall mounted LED 12 - 13W	Nos	598
R3-ME-4-32-d	INDOOR LED FIXTURES -Downlighter/Wall mounted LED 13-18 W	Nos	644
<b>R3-ME-4-33</b>	<b>LED Square Recessed Downlighter</b>		
R3-ME-4-33-a	INDOOR LED FIXTURES - -LED Square Recessed Downlighter- 8 W	Nos	765
R3-ME-4-33-c	INDOOR LED FIXTURES - -LED Square Recessed Downlighter- 12-15W	Nos	1016
R3-ME-4-33-d	INDOOR LED FIXTURES - -LED Square Recessed Downlighter- 18-20W	Nos	1214
R3-ME-4-33-e	INDOOR LED FIXTURES - -LED Square Recessed Downlighter- 24W	Nos	1577
R3-ME-4-33-f	INDOOR LED FIXTURES - -LED Square Recessed Downlighter- 36W (600X600)	Nos	4759

R3-ME-4-33-g	INDOOR LED FIXTURES - -LED Square Recessed Downlighter-45W (600x600)	Nos	5426
R3-ME-4-33-h	Supply & installation of Main electrical panel with VFD(7.5KW-1 Nos,1.5KW-2 Nos) Recessed luminair,	Nos	12339
<b>R3-ME-4-34</b>	<b>Tubelight fixtures</b>		
R3-ME-4-34-a	LED Tubelight fixtures 1X 18W	Nos	456
R3-ME-4-34-b	LED Tubelight fixtures 2X 18W	Nos	915
R3-ME-4-34-c	LED Chalk Board fitting	Nos	549
R3-ME-4-34-d	LED Spot Light	Nos	919
R3-ME-4-34-e	LED Bulkhead fitting	Nos	992
R3-ME-4-34-f	LED flexible strip light 2 wire min of 4.8W	Nos	825
R3-ME-4-34-g	4W integral driver LED Steplight	Nos	1587
R3-ME-4-34-h	SITC of IP67 flexible 24 V linear LED stripColor temperature (CCT)	Mtr	7403
R3-ME-4-34-i	SITC of Steplight moduleLuminaire for walkways	Nos	4936
R3-ME-4-34-j	Supply & inst of 150mmX150mm LED Light	Nos	2924
<b>AP</b>	<b>ENERGY SAVING FIXTURES</b>		

<b>GROUP E SOLAR STREET LIGHT AND SOLAR WATER HEATER</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEM</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>AQ</b>	<b>SOLAR STREET LIGHT WITH LED FIXTURES (SP-ME-TS-40)</b>		
<b>R3-ME-5-6</b>	<b>LED type Solar street light fixtures with heat sink for LED, crystalline/ polycrystalline silicon solar PV modules, suitable size of maintenance free battery along with 5.5 mtr , 65mm dia GI pole with civil foundation, base plate, nut , bolts etc and all accessories required for completing installation as per specification.</b>		
R3-ME-5-6-a	Solar street light of 5/6 Watt LED	Nos	25293
R3-ME-5-6-b	Solar street light of 10 Watt LED	Nos	27683
R3-ME-5-6-c	Solar street light of 12 Watt LED	Nos	27683
R3-ME-5-6-d	Solar street light of 18 Watt LED	Nos	37641
R3-ME-5-6-e	Solar street light of 24 Watt LED	Nos	45707
R3-ME-5-6-f	SITC of 20 Watt LED Solar street light system with 5 years warranty as per specification.	Nos	43046
<b>AR</b>	<b>EMERGENCY LIGHT FITTINGS:</b>		
R3-ME-5-15-a	LED Emergency Light Fitting With 6 W LED Strip , IK - 05 Rating With Flame Retardant Enclosure With Lumens Efficacy of 120 Lumens / Watt , Lithium Ion Rechargeable Battery With 3 Hrs Battery Backup	Nos	847
R3-ME-5-15-b	LED Emergency Light Fitting With 2X12 W LED - 2 Feet, IK - 05 Rating With Flame Retardant Enclosure With Lumens Efficacy of 120 Lumens / Watt , With SMF Rechargeable Battery With 3 Hrs Battery Backup	Nos	847
R3-ME-5-15-c	Emergency Light Fitting 6 W LED, IK - 05 Rating With Flame Retardant Enclosure With Lumens Efficacy of 120 Lumens / Watt , With Lithium Ion Rechargeable Battery With 3 Hrs Battery Backup	Nos	2803
<b>AS</b>	<b>SOLAR WATER HEATING SYSTEM (SP-ME-TS-46)</b>		
R3-ME-5-16-a	Flat Plate Collector type Solar water heating system as per specification	Litre	346
R3-ME-5-16-b	Tube Collector type Solar water heating system- 100 LPD System	Nos	20955
R3-ME-5-16-c	Tube Collector type Solar water heating system- 150 LPD System	Nos	28994
R3-ME-5-16-d	Tube Collector type Solar water heating system- 200 LPD System	Nos	36079
R3-ME-5-16-e	Tube Collector type Solar water heating system- 250 LPD System	Nos	44398

R3-ME-5-16-f	Tube Collector type Solar water heating system- 300 LPD System	Nos	51894
R3-ME-5-16-g	Tube Collector type Solar water heating system- 500 LPD System	Nos	74956
<b>AT</b>	<b>Pipe for Solar Water heating System</b>		
R3-ME-5-17-a	Hot water piping for Solar Water heating System with fittings	Mtr	988



<b>GROUP F PUMPS, PIPING, VALVES, DG SET, AMF PANEL</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEM</b>	<b>UNIT</b>	<b>FINAL RATE (EXCLUDING GST)</b>
<b>R3-ME-6-1</b>	<b>JET PUMPS SET (SP-ME-TS-16): Providing, installing and testing of centrifugal Jet pumpset complete with pumps, electric motor, Jet unit including nozzle and foot valve, strainer, pressure release valve along with suitable M.S structure foundation .</b>		
R3-ME-6-1-a	Jet pumpset: 1 H. P. single / three ph. motor, with suction lift of (9-24 mtr.) delivery head of 18 Mtr. & giving discharge of (3280 – 1280 LPH) suction /pressure / delivery pipes (40 x 32 x 25mm). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410 Jet Unit Body: Cast Iron	Nos	20567
R3-ME-6-1-b	Jet pumpset: 1 H. P. single / three ph. motor, with suction lift of (9-24 mtr.) delivery head of 18 Mtr. & giving discharge of (3280 – 1280 LPH) suction /pressure / delivery pipes (40 x 32 x 25mm). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410 Jet Unit Body: Cast Iron	Nos	25994
R3-ME-6-1-c	Jet pumpset:1 H. P. single / three ph. motor, with suction lift of (9-24 mtr.) delivery head of 18 Mtr. & giving discharge of (3280 – 1280 LPH) suction /pressure / delivery pipes (40 x 32 x 25mm).Pump body: SS316, Impeller: SS316, Shaft SS410Jet Unit Body: Bronze LTB 2	Nos	25994
R3-ME-6-1-d	Jet pumpset: 2 H. P. single / three phase motor, with suction lift of (20-50 mtr.) giving discharge of (2470 – 1650 LPH) suction /pressure / delivery pipes (40 x 32 x 25mm). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410 Jet Unit Body: Cast Iron	Nos	25994
R3-ME-6-1-e	Jet pumpset: 2 H. P. single / three phase motor, with suction lift of (20-50 mtr.) giving discharge of (2470 – 1650 LPH) suction /pressure / delivery pipes (40 x 32 x 25mm). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410 Jet Unit Body: Cast Iron	Nos	25994

R3-ME-6-1-f	<p>Jet pumpset:  2 H. P. single / three phase motor, with suction lift of (20-50 mtr.) giving discharge of (2470 – 1650 LPH) suction /pressure / delivery pipes (40 x 32 x 25mm).  Pump body: SS316, Impeller: SS316, Shaft SS410  Jet Unit Body: Bronze LTB 2</p>	Nos	25994
<b>R3-ME-6-2</b>	<p><b>SUBMERSIBLE PUMPSETS (OPEN WELL) (SP-ME-TS-15):</b>  <b>Providing, installing and giving test of submersible pumpset directly coupled to submersible electric motor complete with suction strainer, antithrust streamlined non return valve, minimum 4 m submersible type copper conductor cable and 2 pairs of suitable size 10 mm thick erection clamps, 4 m lifting chain and 1 submersible cable connection kit shall be provided with each pump set.</b></p>		
R3-ME-6-2-a	<p>Submersible Pump set of:  0.75 H.P. single phase electric motor  Discharge: 90 lpm at 16 m head to 45 lpm at 40 m head  Pump body: Cast Iron, Impeller: Noryl, Shaft SS410  Pump delivery diameter 32 mm.</p>	Nos	18029
R3-ME-6-2-b	<p>Submersible Pump set of:  0.75 H.P. single phase electric motor  Discharge: 90 lpm at 16 m head to 45 lpm at 40 m head  Pump body: SS, Impeller:SS 304 , Shaft SS410  Pump delivery diameter 32 mm.</p>	Nos	18029
R3-ME-6-2-c	<p>Submersible Pump set of:  1 H.P. single/ three phase electric motor  Discharge: 90 lpm at 22 m head to 45 lpm at 52 m head  Pump body: Cast Iron, Impeller: Noryl, , Shaft SS410  Pump delivery diameter 32 mm.</p>	Nos	19954
R3-ME-6-2-d	<p>Submersible Pump set of: 1 H.P. single/ three phase electric motor  Discharge: 120 lpm at 20 m head to 40 lpm at 39 m head  Pump body: Cast Iron, Impeller: Noryl, , Shaft SS410  Pump delivery diameter 32 mm.</p>	Nos	19954
R3-ME-6-2-e	<p>Submersible Pump set of:  1 H.P. single/ three phase electric motor  Discharge: 90 lpm at 22 m head to 45 lpm at 52 m head  Pump body: SS, Impeller:SS 304 , Shaft SS410  Pump delivery diameter 32 mm.</p>	Nos	19954

R3-ME-6-2-f	Submersible Pump set of: 1 H.P. single/ three phase electric motor Discharge: 120 lpm at 20 m head to 40 lpm at 39 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 32 mm.	Nos	19954
R3-ME-6-2-g	Submersible Pump set of: 2 H.P. three phase electric motor Discharge: 180 lpm at 18 m head to 60 lpm at 51 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	26869
R3-ME-6-2-h	Submersible Pump set of: 2 H.P. three phase electric motor Discharge: 320 lpm at 11 m head to 120 lpm at 26 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	26869
R3-ME-6-2-i	Submersible Pump set of: 2 H.P. three phase electric motor Discharge: 180 lpm at 18 m head to 60 lpm at 51 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	26869
R3-ME-6-2-j	Submersible Pump set of: 2 H.P. three phase electric motor Discharge: 320 lpm at 11 m head to 120 lpm at 26 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	26869
R3-ME-6-2-k	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 180 lpm at 24 m head to 90 lpm at 62 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	47611
R3-ME-6-2-l	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 240 lpm at 20 m head to 120 lpm at 42 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	47611
R3-ME-6-2-m	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 240 lpm at 14 m head to 120 lpm at 49 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	47611

R3-ME-6-2-n	Submersible Pump set of:3 H.P. three phase electric motor Discharge: 420 lpm at 18 m head to 120 lpm at 21 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	47611
R3-ME-6-2-o	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 180 lpm at 24 m head to 90 lpm at 62 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	47597
R3-ME-6-2-p	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 240 lpm at 20 m head to 120 lpm at 42 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	47597
R3-ME-6-2-q	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 240 lpm at 14 m head to 120 lpm at 49 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	47597
R3-ME-6-2-r	Submersible Pump set of: 3 H.P. three phase electric motor Discharge: 420 lpm at 18 m head to 120 lpm at 21 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	47597
R3-ME-6-2-s	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 240 lpm at 24 m head to 120 lpm at 84 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	55838
R3-ME-6-2-t	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 270 lpm at 17 m head to 120 lpm at 77 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	55838
R3-ME-6-2-u	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 600 lpm at 23 m head to 120 lpm at 43 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	55838

R3-ME-6-2-v	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 720 lpm at 18 m head to 240 lpm at 30 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 80 mm.	Nos	55838
R3-ME-6-2-w	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 960 lpm at 13 m head to 240 lpm at 22 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 100 mm.	Nos	55838
R3-ME-6-2-x	Submersible Pump set of:5 H.P. three phase electric motor Discharge: 240 lpm at 24 m head to 120 lpm at 84 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	55759
R3-ME-6-2-y	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 270 lpm at 17 m head to 120 lpm at 77 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	55759
R3-ME-6-2-z	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 600 lpm at 23 m head to 120 lpm at 43 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	59019
R3-ME-6-2-aa	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 720 lpm at 18 m head to 240 lpm at 30 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 80 mm.	Nos	58971
R3-ME-6-2-ab	Submersible Pump set of: 5 H.P. three phase electric motor Discharge: 960 lpm at 13 m head to 240 lpm at 22 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 100 mm.	Nos	59164
R3-ME-6-2-ac	Submersible Pump set of 7.5 H.P. three phase electric motor Discharge: 510 lpm at 20 m head to 240 lpm at 62 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	70657

R3-ME-6-2-ad	Submersible Pump set of: 7.5 H.P. three phase electric motor Discharge: 690 lpm at 21 m head to 240 lpm at 80 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	70657
R3-ME-6-2-ae	Submersible Pump set of: 7.5 H.P. three phase electric motor Discharge: 960 lpm at 24 m head to 240 lpm at 63 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 80 mm.	Nos	70657
R3-ME-6-2-af	Submersible Pump set of: 7.5 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 100 mm.	Nos	70657
R3-ME-6-2-ag	Submersible Pump set of: 7.5 H.P. three phase electric motor Discharge: 510 lpm at 20 m head to 240 lpm at 62 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	70409
R3-ME-6-2-ah	Submersible Pump set of:7.5 H.P. three phase electric motorDischarge: 690 lpm at 21 m head to 240 lpm at 80 m headPump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	70409
R3-ME-6-2-ai	Submersible Pump set of: 7.5 H.P. three phase electric motor Discharge: 960 lpm at 24 m head to 240 lpm at 63 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 80 mm.	Nos	70450
R3-ME-6-2-aj	Submersible Pump set of: 7.5 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 100 mm.	Nos	70657
R3-ME-6-2-ak	Submersible Pump set of: 10 H.P. three phase electric motor Discharge: 510 lpm at 26 m head to 120 lpm at 94 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	75878

R3-ME-6-2-al	Submersible Pump set of: 10 H.P. three phase electric motor Discharge: 690 lpm at 28 m head to 240 lpm at 86 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	75878
R3-ME-6-2-am	Submersible Pump set of: 10 H.P. three phase electric motor Discharge: 1080 lpm at 16 m head to 240 lpm at 63m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 80 mm.	Nos	75878
R3-ME-6-2-an	Submersible Pump set of: 10 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 100 mm.	Nos	75878
R3-ME-6-2-ao	Submersible Pump set of: 10 H.P. three phase electric motor Discharge: 510 lpm at 26 m head to 120 lpm at 94 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	75536
R3-ME-6-2-ap	Submersible Pump set of: 10 H.P. three phase electric motor Discharge: 690 lpm at 28 m head to 240 lpm at 86 m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	75517
R3-ME-6-2-aq	Submersible Pump set of 10 H.P. three phase electric motor Discharge: 1080 lpm at 16 m head to 240 lpm at 63m head. Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 80 mm.	Nos	75878
R3-ME-6-2-ar	Submersible Pump set of:10 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60m head Pump body: SS, Impeller:SS 304 , Shaft SS410 Pump delivery diameter 100 mm.	Nos	75878

<b>R3-ME-6-3</b>	<b>SUBMERSIBLE PUMP SET(BOREWELL) (SP-ME-TS-18):</b> <b>Providing, installing and giving test of submersible pumpset directly coupled to submersible electric motor complete with suction strainer, antithrust streamlined non return valve, minimum 4 m submersible type copper conductor cable and 2 pairs of suitable size 10 mm thick erection clamps, 4 m lifting chain and 1 submersible cable connection kit shall be provided with each pump set.</b>		
R3-ME-6-3-a	Submersible Pump set suitable for 100 mm borehole with: 0.75 H.P. single phase electric motor Discharge: 90 lpm at 16 m head to 45 lpm at 40 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 32 mm.	Nos	24068
R3-ME-6-3-b	Submersible Pump set suitable for 100 mm borehole with: 0.75 H.P. single phase electric motor Discharge: 90 lpm at 16 m head to 45 lpm at 40 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 32 mm.	Nos	24068
R3-ME-6-3-c	Submersible Pump set suitable for 100 mm borehole with: H.P. single/ three phase electric motor Discharge: 90 lpm at 22 m head to 45 lpm at 52 m head Pump body: Cast Iron, Impeller: Noryl , Shaft SS410 Pump delivery diameter 32 mm.	Nos	24068
R3-ME-6-3-d	Submersible Pump set suitable for 100 mm borehole with: 1 H.P. single/ three phase electric motor Discharge: 120 lpm at 20 m head to 40 lpm at 39 m head Pump body: Cast Iron, Impeller: Noryl , Shaft SS410 Pump delivery diameter 32 mm.	Nos	29056
R3-ME-6-3-e	Submersible Pump set suitable for 100 mm borehole with: 1 H.P. single/ three phase electric motor Discharge: 90 lpm at 22 m head to 45 lpm at 52 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 32 mm.	Nos	29056
R3-ME-6-3-f	Submersible Pump set suitable for 100 mm borehole with: 1 H.P. single/ three phase electric motor Discharge: 120 lpm at 20 m head to 40 lpm at 39 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 32 mm.	Nos	29056



R3-ME-6-3-g	Submersible Pump set suitable for 100 mm borehole with: 2 H.P. three phase electric motor Discharge: 180 lpm at 18 m head to 60 lpm at 51 m head Pump body: Cast Iron, Impeller: Noryl, , Shaft SS410 Pump delivery diameter 50 mm.	Nos	35533
R3-ME-6-3-h	Submersible Pump set suitable for 100 mm borehole with: 2 H.P. three phase electric motorDischarge: 320 lpm at 11 m head to 120 lpm at 26 m headPump body: Cast Iron, Impeller: Noryl, Shaft SS410Pump delivery diameter 50 mm.	Nos	35533
R3-ME-6-3-i	Submersible Pump set suitable for 100 mm borehole with: 2 H.P. three phase electric motor Discharge: 180 lpm at 18 m head to 60 lpm at 51 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	35533
R3-ME-6-3-j	Submersible Pump set suitable for 100 mm borehole with: 2 H.P. three phase electric motor Discharge: 320 lpm at 11 m head to 120 lpm at 26 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	35533
R3-ME-6-3-k	Submersible Pump set suitable for 100 mm borehole with: 3 H.P. three phase electric motor Discharge: 180 lpm at 24 m head to 90 lpm at 62 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	37984
R3-ME-6-3-l	Submersible Pump set suitable for 100 mm borehole with: 3 H.P. three phase electric motor Discharge: 240 lpm at 20 m head to 120 lpm at 42 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	37984
R3-ME-6-3-m	Submersible Pump set suitable for 150 mm borehole with: 3 H.P. three phase electric motor Discharge: 240 lpm at 14 m head to 120 lpm at 49 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	37984
R3-ME-6-3-n	Submersible Pump set suitable for 150 mm borehole with: 3 H.P. three phase electric motor Discharge: 420 lpm at 18 m head to 120 lpm at 21 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	37984

R3-ME-6-3-o	Submersible Pump set suitable for 100 mm borehole with: 3 H.P. three phase electric motor Discharge: 180 lpm at 24 m head to 90 lpm at 62 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	37984
R3-ME-6-3-p	Submersible Pump set suitable for 100 mm borehole with: 3 H.P. three phase electric motor Discharge: 240 lpm at 20 m head to 120 lpm at 42 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	37984
R3-ME-6-3-q	Submersible Pump set suitable for 150 mm borehole with: 3 H.P. three phase electric motor Discharge: 240 lpm at 14 m head to 120 lpm at 49 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	45510
R3-ME-6-3-r	Submersible Pump set suitable for 150 mm borehole with: 3 H.P. three phase electric motor Discharge: 420 lpm at 18 m head to 120 lpm at 21 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	45489
R3-ME-6-3-s	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 240 lpm at 24 m head to 120 lpm at 84 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	54234
R3-ME-6-3-t	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 270 lpm at 17 m head to 120 lpm at 77 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	54235
R3-ME-6-3-u	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 600 lpm at 23 m head to 120 lpm at 43 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	54350
R3-ME-6-3-v	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 720 lpm at 18 m head to 240 lpm at 30 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 80 mm.	Nos	54350

R3-ME-6-3-w	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 960 lpm at 13 m head to 240 lpm at 22 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 100 mm.	Nos	54350
R3-ME-6-3-x	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 240 lpm at 24 m head to 120 lpm at 84 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	54350
R3-ME-6-3-y	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 270 lpm at 17 m head to 120 lpm at 77 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	54350
R3-ME-6-3-z	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 600 lpm at 23 m head to 120 lpm at 43 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	54350
R3-ME-6-3-aa	Submersible Pump set suitable for 150 mm borehole with Discharge: 720 lpm at 18 m head to 240 lpm at 30 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 80 mm.	Nos	54350
R3-ME-6-3-ab	Submersible Pump set suitable for 150 mm borehole with: 5 H.P. three phase electric motor Discharge: 960 lpm at 13 m head to 240 lpm at 22 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 100 mm.	Nos	54350
R3-ME-6-3-ac	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 510 lpm at 20 m head to 240 lpm at 62 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	64812
R3-ME-6-3-ad	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 690 lpm at 21 m head to 240 lpm at 80 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	64812

R3-ME-6-3-ae	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 960 lpm at 24 m head to 240 lpm at 63 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 80 mm.	Nos	64812
R3-ME-6-3-af	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60 m head Pump body: Cast Iron, Impeller: Noryl, Shaft SS410 Pump delivery diameter 100 mm.	Nos	64812
R3-ME-6-3-ag	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 510 lpm at 20 m head to 240 lpm at 62 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	64812
R3-ME-6-3-ah	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 690 lpm at 21 m head to 240 lpm at 80 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	64812
R3-ME-6-3-ai	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 960 lpm at 24 m head to 240 lpm at 63 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 80 mm.	Nos	64812
R3-ME-6-3-aj	Submersible Pump set suitable for 150 mm borehole with: 7.5 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS41 Pump delivery diameter 100 mm.	Nos	64812
R3-ME-6-3-ak	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 510 lpm at 26 m head to 120 lpm at 94 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 50 mm.	Nos	73418
R3-ME-6-3-al	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 690 lpm at 28 m head to 240 lpm at 86 m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 65 mm.	Nos	73418

R3-ME-6-3-am	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 1080 lpm at 16 m head to 240 lpm at 63m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 80 mm.	Nos	73418
R3-ME-6-3-an	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60m head Pump body: SS, Impeller: Noryl, Shaft SS410 Pump delivery diameter 100 mm.	Nos	73418
R3-ME-6-3-ao	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 510 lpm at 26 m head to 120 lpm at 94 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 50 mm.	Nos	73418
R3-ME-6-3-ap	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 690 lpm at 28 m head to 240 lpm at 86 m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 65 mm.	Nos	73418
R3-ME-6-3-aq	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 1080 lpm at 16 m head to 240 lpm at 63m head Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 80 mm.	Nos	73418
R3-ME-6-3-ar	Submersible Pump set suitable for 150 mm borehole with: 10 H.P. three phase electric motor Discharge: 1200 lpm at 21 m head to 240 lpm at 60m head. Pump body: Cast Iron, Impeller: Bronze LTB2 , Shaft SS410 Pump delivery diameter 100 mm.	Nos	73418
<b>R3-ME-6-4</b>	<b>MONOBLOCK PUMPSETS (SP-ME-TS-14): Providing, installing and testing of monoblock pumpset equipped with all required accessories like priming cup, air vent, suction &amp; delivery pressure gauge etc.</b>		
R3-ME-6-4-a	Monoblock pumpsets: 1 H. P. single / three phase motor, with head of (14- 25 mtr.) giving discharge of (2.1– 0.66 lps) (40 x 32mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	15053
R3-ME-6-4-b	Monoblock pumpsets: 1 H. P. single / three phase motor, with head of (14- 25 mtr.) giving discharge of (2.1– 0.66 lps) (40 x 32mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	15053

R3-ME-6-4-c	Monoblock pumpsets:2 H. P. single / three phase motor, with head of (15- 26 mtr.) giving discharge of (4.4 – 1.5 lps) (50 x 40mm ).Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	26757
R3-ME-6-4-d	Monoblock pumpsets: 2 H. P. single / three phase motor, with head of (16- 30 mtr.) giving discharge of (3.2 – 1.25 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	26757
R3-ME-6-4-e	Monoblock pumpsets: 2 H. P. single / three phase motor, with head of (15- 26 mtr.) giving discharge of (4.4 – 1.5 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	26781
R3-ME-6-4-f	Monoblock pumpsets: 2 H. P. single / three phase motor, with head of (16- 30 mtr.) giving discharge of (3.2 – 1.25 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	26781
R3-ME-6-4-g	Monoblock pumpsets: 3 H. P. three phase motor, with head of (12- 21mtr.) giving discharge of (11 – 5 lps) (65x 50mm). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	34291
R3-ME-6-4-h	Monoblock pumpsets: 3 H. P. three phase motor, with head of (16-30 mtr.) giving discharge of (5.75 – 21 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	34291
R3-ME-6-4-i	Monoblock pumpsets: 3 H. P. three phase motor, with head of (24- 38mtr.) giving discharge of (3.75 – 1.75 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	34291
R3-ME-6-4-j	Monoblock pumpsets: 3 H. P. three phase motor, with head of (12- 21mtr.) giving discharge of (11 – 5 lps) (65x 50mm). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	34308
R3-ME-6-4-k	Monoblock pumpsets: 3 H. P. three phase motor, with head of (16-30 mtr.) giving discharge of (5.75 – 21 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	34308
R3-ME-6-4-l	Monoblock pumpsets: 3 H. P. three phase motor, with head of (24- 38mtr.) giving discharge of (3.75 – 1.75 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	34308

R3-ME-6-4-m	Monoblock pumpsets: 5 H. P. three phase motor, with head of (12-24 mtr.) giving discharge of (18.5 – 7.5 lps) (75 x 65mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	44079
R3-ME-6-4-n	Monoblock pumpsets: 5 H. P. three phase motor, with head of (16-32 mtr.) giving discharge of (12 – 5 lps) (65 x 50mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	44079
R3-ME-6-4-o	Monoblock pumpsets:5 H. P. three phase motor, with head of (20-36 mtr.) giving discharge of (8.5 –5.8 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	44079
R3-ME-6-4-p	Monoblock pumpsets: 5 H. P. three phase motor, with head of (36-52 mtr.) giving discharge of (4.1 – 2 lps) (50 x 40mm). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	44079
R3-ME-6-4-q	Monoblock pumpsets: 5 H. P. three phase motor, with head of (12-24 mtr.) giving discharge of (18.5 – 7.5 lps) (75 x 65mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	50670
R3-ME-6-4-r	Monoblock pumpsets: 5 H. P. three phase motor, with head of (16-32 mtr.) giving discharge of (12 – 5 lps) (65 x 50mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	50670
R3-ME-6-4-s	Monoblock pumpsets: 5 H. P. three phase motor, with head of (20-36 mtr.) giving discharge of (8.5 –5.8 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	50670
R3-ME-6-4-t	Monoblock pumpsets: 5 H. P. three phase motor, with head of (36-52 mtr.) giving discharge of (4.1 – 2 lps) (50 x 40mm). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	50670
R3-ME-6-4-u	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (16-27 mtr.) giving discharge of (22.5 – 10.31 lps) (100 x 75 mm). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	64429
R3-ME-6-4-v	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (20-35 mtr.) giving discharge of (16.8 – 6.6 lps) (75 x 65mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	56085

R3-ME-6-4-w	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (26-42 mtr.) giving discharge of (11.75 – 2.5 lps) (60 x 50mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	56085
R3-ME-6-4-x	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (40-56 mtr.) giving discharge of (5.75 – 1.75 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	61142
R3-ME-6-4-y	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (16-27 mtr.) giving discharge of (22.5 – 10.31 lps) (100 x 75 mm). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	56130
R3-ME-6-4-z	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (20-35 mtr.) giving discharge of (16.8 – 6.6 lps) (75 x 65mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	56130
R3-ME-6-4-aa	Monoblock pumpsets:7.5 H. P. three phase motor, with head of (26-42 mtr.) giving discharge of (11.75 – 2.5 lps) (60 x 50mm ).Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	56130
R3-ME-6-4-ab	Monoblock pumpsets: 7.5 H. P. three phase motor, with head of (40-56 mtr.) giving discharge of (5.75 – 1.75 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	56130
R3-ME-6-4-ac	Monoblock pumpsets: 10 H. P. three phase. motor, with head of (20-33 mtr.) giving discharge of (24.75 – 12.5 lps) (100 x 75mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	66845
R3-ME-6-4-ad	Monoblock pumpsets: 10 H. P. three phase motor, with head of (28-40 mtr.) giving discharge of (18.3 – 6.6 lps) (75 x 65mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	66845
R3-ME-6-4-ae	Monoblock pumpsets: 10 H. P. three phase motor, with head of (36-50 mtr.) giving discharge of (12.5 – 5.8 lps) (65 x 50mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	66845
R3-ME-6-4-af	Monoblock pumpsets: 10 H. P. three phase motor, with head of (44-63 mtr.) giving discharge of (6.5 – 2.75 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	66845



R3-ME-6-4-ag	Monoblock pumpsets: 10 H. P. three phase. motor, with head of (20-33 mtr.) giving discharge of (24.75 – 12.5 lps) (100 x 75mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	66888
R3-ME-6-4-ah	Monoblock pumpsets: 10 H. P. three phase motor, with head of (28-40 mtr.) giving discharge of (18.3 – 6.6 lps) (75 x 65mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	66888
R3-ME-6-4-ai	Monoblock pumpsets: 10 H. P. three phase motor, with head of (36-50 mtr.) giving discharge of (12.5 – 5.8 lps) (65 x 50mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	66888
R3-ME-6-4-aj	Monoblock pumpsets: 10 H. P. three phase motor, with head of (44-63 mtr.) giving discharge of (6.5 – 2.75 lps) (50 x 40mm ). Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	66888
R3-ME-6-4-ak	Monoblock pumpsets: 12.5 H. P. three phase motor, Head range: (6-36 mtr) Discharge Range: (6-37 lps) (80 X 65 mm) Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	80701
R3-ME-6-4-al	Monoblock pumpsets: 12.5 H. P. three phase motor, Head range: (6-36 mtr) Discharge Range: (6-37 lps) (80 X 65 mm) Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	80701
R3-ME-6-4-am	Monoblock pumpsets:15 H. P. three phase motor, Head range: (6-36 mtr.)Discharge Range: (9-35 lps) (100 x 80) Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	84469
R3-ME-6-4-an	Monoblock pumpsets: 15 H. P. three phase motor, Head range: (6-36 mtr.) Discharge Range: (9-35 lps) (100 x 80) Pump body: Cast Iron, Impeller: Bronze, Shaft SS410	Nos	84469
<b>R3-ME-6-5</b>	<b>SELF PRIMING PUMPS (SP-ME-TS-17): Providing, installing and testing of self-priming centrifugal pumpsets complete with centrifugal pumps, electric motor accessories.</b>		
R3-ME-6-5-a	Self priming pumpsets: 1 H. P. single phase / three phase motor, with head of (6 – 14 Mtr.) giving discharge of (4.6 – 1.5 lps) (40 x 40mm). Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	29231

R3-ME-6-5-b	Self priming pumpsets: 1 H. P. single phase / three phase motor, with head of (6 – 14 Mtr.) giving discharge of (4.6 – 1.5 lps) (40 x 40mm). Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	29231
R3-ME-6-5-c	Self priming pumpsets: 1 H. P. single phase / three phase motor, with head of (6 – 14 Mtr.) giving discharge of (4.6 – 1.5 lps) (40 x 40mm). Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	29231
R3-ME-6-5-d	Self priming pumpsets: 2 H. P. single phase / 3 phase motor, with head upto 30 m and discharge upto 250 lpm. Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	40084
R3-ME-6-5-e	Self priming pumpsets: 2 H. P. single phase / 3 phase motor, with head upto 30 m and discharge upto 250 lpm. Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	40084
R3-ME-6-5-f	Self priming pumpsets: 3 H. P., 2 Stage, single phase/ three ph motor, with head of (10 – 50 Mtr.) giving discharge upto 230 lpm.(60x50mm) Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	44810
R3-ME-6-5-g	Self priming pumpsets: 3 H. P. single phase / three phase motor, with head of (10 – 30 Mtr.) giving discharge upto 420 lpm Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	44810
R3-ME-6-5-h	Self priming pumpsets: 3 H. P., 2 Stage, single phase/ three ph motor, with head of (10 – 50 Mtr.) giving discharge upto 230 lpm.(60x50mm) Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	44810
R3-ME-6-5-i	Self priming pumpsets: 3 H. P. single phase / three phase motor, with head of (10 – 30 Mtr.) giving discharge upto 420 lpm Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	44810
R3-ME-6-5-j	Self priming pumpsets:3 H. P., 2 Stage, single phase/ three ph motor, with head of (10 – 50 Mtr.) giving discharge upto 230 lpm.(60x50mm)Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	44810
R3-ME-6-5-k	Self priming pumpsets: 5H. P. single phase / 3 phase motor, with head of (10 – 40 Mtr.) giving discharge upto 380 lpm.(65x50mm). Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	68090

R3-ME-6-5-l	Self priming pumpsets: 5 H. P., 2 Stage, single phase/three ph motor, with head of (10 – 70 Mtr.) giving discharge upto 240 lpm.(50x40mm) Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	68090
R3-ME-6-5-m	Self priming pumpsets: 5H. P. single phase / 3 phase motor, with head of (10 – 40 Mtr.) giving discharge upto 380 lpm.(65x50mm). Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	68090
R3-ME-6-5-n	Self priming pumpsets: 5 H. P., 2 Stage, single phase/three ph motor, with head of (10 – 70 Mtr.) giving discharge upto 240 lpm.(50x40mm) Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	68090
R3-ME-6-5-o	Self priming pumpsets: 7.5 H.P., 2 stage, single phase/ 3 ph motor, with head of (10 – 70 Mtr.) giving discharge upto 410 lpm.(80x65mm) Pump body: Cast Iron, Impeller: Cast Iron, Shaft SS410	Nos	72377
R3-ME-6-5-p	Self priming pumpsets: 7.5 H.P., 2 stage, single phase/ 3 ph motor, with head of (10 – 70 Mtr.) giving discharge upto 410 lpm.(80x65mm) Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	72377
R3-ME-6-5-q	Self priming pumpsets: 7.5 H.P., 2 stage, single phase/ 3 ph motor, with head of (10 – 70 Mtr.) giving discharge upto 410 lpm.(80x65mm) Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	72377
R3-ME-6-5-r	Self priming pumpsets: 10 H.P., 2 stage, single phase/ 3 ph motor, with head of (10 – 90 Mtr.) giving discharge upto 410 lpm.(50x40mm) Pump body: Cast Iron, Impeller: SS316, Shaft SS410	Nos	145916
R3-ME-6-5-s	Self priming pumpsets: 10 H.P., 2 stage, single phase/ 3 ph motor, with head of (10 – 90 Mtr.) giving discharge upto 410 lpm.(50x40mm) Pump body: Cast Iron, Impeller: Polypropylene, Shaft SS410	Nos	145916
<b>R3-ME-6-6</b>	<b>MISCELLENEOUS</b>		
R3-ME-6-6-a	Providing white washing 2 coats by using scaffolding wherever required.	Sqm	43
R3-ME-6-6-b	Cement concrete foundation using M-20 cement concrete mix with J shaped foundation bolts where required	Cum	9610
<b>R3-ME-6-7</b>	<b>SUPPLYING &amp; LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.:</b>		
R3-ME-6-7-a	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: -15 mm dia.	Mtr	231

R3-ME-6-7-b	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 19/20 mm dia.	Mtr	296
R3-ME-6-7-c	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 25 mm dia.	Mtr	427
R3-ME-6-7-d	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 32 mm dia.	Mtr	554
R3-ME-6-7-e	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 40 mm dia.	Mtr	638
R3-ME-6-7-f	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 50 mm dia.	Mtr	885
R3-ME-6-7-g	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 65 mm dia.	Mtr	1114
R3-ME-6-7-h	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 80 mm dia.	Mtr	1396
R3-ME-6-7-i	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 100 mm dia	Mtr	2000
R3-ME-6-7-j	SUPPLYING & LAYING 'C' CLASS G.I. PIPE (I.S.I MARK) FOR SUCTION / DELIVERY LINE ETC.: 150 mm dia	Mtr	2989
R3-ME-6-7-k	M.S pipe of 5 mm thick for 150 mm dia Suction / Delivery line.	Mtr	2311
<b>R3-ME-6-8</b>	<b>SUPPLYING &amp; FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED):</b>		
R3-ME-6-8-a	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 15mm dia.	Nos	616
R3-ME-6-8-b	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 20mm dia.	Nos	970
R3-ME-6-8-c	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 25mm dia.	Nos	1306
R3-ME-6-8-d	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 32mm dia.	Nos	1469
R3-ME-6-8-e	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 38/40 mm dia.	Nos	2043
R3-ME-6-8-f	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 50 mm dia.	Nos	2724
R3-ME-6-8-g	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 65 mm dia	Nos	4478
R3-ME-6-8-h	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 80 mm dia.	Nos	5963
R3-ME-6-8-i	SUPPLYING & FIXING VALVES: GUN METAL FOOT VALVE (SPRING LOADED): 100 mm dia	Nos	11019
<b>R3-ME-6-9</b>	<b>GUN METAL NON - RETURN VALVE:(FLANGED)</b>		
R3-ME-6-9-a	GUN METAL NON - RETURN VALVE:(FLANGED):- 15 mm dia.	Nos	3954

R3-ME-6-9-b	GUN METAL NON - RETURN VALVE:(FLANGED):- 20 mm dia.	Nos	4604
R3-ME-6-9-c	GUN METAL NON - RETURN VALVE:(FLANGED):- 25mm dia.	Nos	6232
R3-ME-6-9-d	GUN METAL NON - RETURN VALVE:(FLANGED):- 32 mm dia.	Nos	8194
R3-ME-6-9-e	GUN METAL NON - RETURN VALVE:(FLANGED):- 40 mm dia.	Nos	11092
R3-ME-6-9-f	GUN METAL NON - RETURN VALVE:(FLANGED):- 50 mm dia.	Nos	14682
R3-ME-6-9-g	GUN METAL NON - RETURN VALVE:(FLANGED):- 65 mm dia.	Nos	25543
R3-ME-6-9-h	GUN METAL NON - RETURN VALVE:(FLANGED):- 80 mm dia.	Nos	31579
R3-ME-6-9-i	GUN METAL NON - RETURN VALVE:(FLANGED):- 100 mm dia	Nos	55138
<b>R3-ME-6-10</b>	<b>GUN METAL NON - RETURN VALVE: (SCREWED)</b>		
R3-ME-6-10-a	GUN METAL NON - RETURN VALVE: (SCREWED):-15 mm dia.	Nos	852
R3-ME-6-10-b	GUN METAL NON - RETURN VALVE: (SCREWED):-20 mm dia.	Nos	1144
R3-ME-6-10-c	GUN METAL NON - RETURN VALVE: (SCREWED):-25 mm dia.	Nos	1669
R3-ME-6-10-d	GUN METAL NON - RETURN VALVE: (SCREWED):-32 mm dia.	Nos	2449
R3-ME-6-10-e	GUN METAL NON - RETURN VALVE: (SCREWED):-40 mm dia.	Nos	3224
R3-ME-6-10-f	GUN METAL NON - RETURN VALVE: (SCREWED):-50 mm dia.	Nos	4530
R3-ME-6-10-g	GUN METAL NON - RETURN VALVE: (SCREWED):-65 mm dia.	Nos	7873
R3-ME-6-10-h	GUN METAL NON - RETURN VALVE: (SCREWED):-80 mm dia.	Nos	12888
R3-ME-6-10-i	GUN METAL NON - RETURN VALVE: (SCREWED):-100 mm dia	Nos	23419
<b>R3-ME-6-11</b>	<b>GUN METAL GATE VALVES (FLANGED):</b>		
R3-ME-6-11-a	GUN METAL GATE VALVES (FLANGED): - 15 mm dia.	Nos	4205
R3-ME-6-11-b	GUN METAL GATE VALVES (FLANGED): -19/20 mm dia.	Nos	5305
R3-ME-6-11-c	GUN METAL GATE VALVES (FLANGED): -25 mm dia.	Nos	7105
R3-ME-6-11-d	GUN METAL GATE VALVES (FLANGED): -32 mm dia.	Nos	9459
R3-ME-6-11-e	GUN METAL GATE VALVES (FLANGED): -40 mm dia.	Nos	13830
R3-ME-6-11-f	GUN METAL GATE VALVES (FLANGED): -50 mm dia.	Nos	15335
R3-ME-6-11-g	GUN METAL GATE VALVES (FLANGED): -65 mm dia.	Nos	29622
R3-ME-6-11-h	GUN METAL GATE VALVES (FLANGED): -80 mm dia.	Nos	37198
R3-ME-6-11-i	GUN METAL GATE VALVES (FLANGED): -100 mm dia	Nos	63799
<b>R3-ME-6-12</b>	<b>GUN METAL GATE VALVES (SCREWED):</b>		
R3-ME-6-12-a	GUN METAL GATE VALVES (SCREWED):-15 mm dia.	Nos	1144
R3-ME-6-12-b	GUN METAL GATE VALVES (SCREWED):-19/20 mm dia.	Nos	1669
R3-ME-6-12-c	GUN METAL GATE VALVES (SCREWED):-25 mm dia.	Nos	2483
R3-ME-6-12-d	GUN METAL GATE VALVES (SCREWED):-32 mm dia.	Nos	3878
R3-ME-6-12-e	GUN METAL GATE VALVES (SCREWED):-40 mm dia.	Nos	4939
R3-ME-6-12-f	GUN METAL GATE VALVES (SCREWED):-50 mm dia.	Nos	7586
R3-ME-6-12-g	GUN METAL GATE VALVES (SCREWED):-65 mm dia.	Nos	13137
R3-ME-6-12-h	GUN METAL GATE VALVES (SCREWED):-80 mm dia.	Nos	19089
R3-ME-6-12-i	GUN METAL GATE VALVES (SCREWED):-100 mm dia	Nos	36870
<b>R3-ME-6-13</b>	<b>WAFER TYPE BUTTERFLY VALVES:</b>		
R3-ME-6-13-a	WAFER TYPE BUTTERFLY VALVES: -40 mm dia.	Nos	3224
R3-ME-6-13-b	WAFER TYPE BUTTERFLY VALVES: -50 mm dia.	Nos	3703

R3-ME-6-13-c	WAFER TYPE BUTTERFLY VALVES: -65 mm dia.	Nos	3985
R3-ME-6-13-d	WAFER TYPE BUTTERFLY VALVES: -80 mm dia.	Nos	4840
R3-ME-6-13-e	WAFER TYPE BUTTERFLY VALVES: -100 mm dia.	Nos	6018
R3-ME-6-13-f	WAFER TYPE BUTTERFLY VALVES: -150 mm dia.	Nos	9111
<b>R3-ME-6-14</b>	<b>PROVIDING &amp; FIXING OF C.I. GATE VALVE COMPLETE WITH FLANGE, NUT, BOLTS ETC.</b>		
R3-ME-6-14-a	FIXING OF C.I. GATE VALVE COMPLETE WITH FLANGE, NUT, BOLTS ETC.-80 mm dia	Nos	15290
R3-ME-6-14-b	FIXING OF C.I. GATE VALVE COMPLETE WITH FLANGE, NUT, BOLTS ETC. -100 mm dia	Nos	23160
R3-ME-6-14-c	FIXING OF C.I. GATE VALVE COMPLETE WITH FLANGE, NUT, BOLTS ETC. -150 mm dia.	Nos	30199
R3-ME-6-14-d	FIXING OF C.I. GATE VALVE COMPLETE WITH FLANGE, NUT, BOLTS ETC. -200 mm dia.	Nos	48268
<b>R3-ME-6-15</b>	<b>CHECK VALVE (DISC TYPE):</b>		
R3-ME-6-15-a	CHECK VALVE (DISC TYPE):-15mm dia	Nos	491
R3-ME-6-15-b	CHECK VALVE (DISC TYPE):-20mm dia	Nos	771
R3-ME-6-15-c	CHECK VALVE (DISC TYPE):-25 mm dia.	Nos	1272
R3-ME-6-15-d	CHECK VALVE (DISC TYPE):-32 mm dia.	Nos	2523
R3-ME-6-15-e	CHECK VALVE (DISC TYPE):-40 mm dia.	Nos	3133
R3-ME-6-15-f	CHECK VALVE (DISC TYPE):-50 mm dia.	Nos	5044
R3-ME-6-15-g	CHECK VALVE (DISC TYPE):-65 mm dia.	Nos	9959
R3-ME-6-15-h	CHECK VALVE (DISC TYPE):-80 mm dia.	Nos	14072
R3-ME-6-15-i	CHECK VALVE (DISC TYPE):-100 mm dia.	Nos	25497
<b>R3-ME-6-16</b>	<b>PRESSURE GUAGES</b>		
R3-ME-6-16-a	Supply & fixing Pressure Guage Range 0-10 Kg/Sq.cm	Nos	698
<b>R3-ME-6-17</b>	<b>D.G.SET WITH PANEL (SP-ME-TS-31)</b>		
R3-ME-6-17-a	D.G.SET WITH PANEL -7.5KVA	Nos	298551
R3-ME-6-17-b	D.G.SET WITH PANEL -10KVA	Nos	357128
R3-ME-6-17-c	D.G.SET WITH PANEL -15KVA	Nos	376968
R3-ME-6-17-d	D.G.SET WITH PANEL -20KVA	Nos	414665
R3-ME-6-17-e	D.G.SET WITH PANEL -30KVA	Nos	495812
R3-ME-6-17-f	D.G.SET WITH PANEL -40KVA	Nos	592734
R3-ME-6-17-g	D.G.SET WITH PANEL -50KVA	Nos	720208
R3-ME-6-17-h	D.G.SET WITH PANEL -62.5KVA	Nos	736080
R3-ME-6-17-i	D.G.SET WITH PANEL -82.5KVA	Nos	919604
R3-ME-6-17-j	D.G.SET WITH PANEL -100KVA	Nos	1051542
R3-ME-6-17-k	D.G.SET WITH PANEL -125KVA	Nos	1107095
R3-ME-6-17-l	D.G.SET WITH PANEL -140KVA	Nos	1328316
R3-ME-6-17-m	D.G.SET WITH PANEL -180KVA	Nos	1537633
R3-ME-6-17-n	D.G.SET WITH PANEL -200KVA	Nos	1777406

R3-ME-6-17-o	D.G.SET WITH PANEL -250KVA	Nos	2210790
R3-ME-6-17-p	D.G.SET WITH PANEL -400KVA	Nos	3617948
R3-ME-6-17-q	D.G.SET WITH PANEL -500KVA	Nos	4415912
R3-ME-6-17-r	D.G.SET WITH PANEL -750KVA	Nos	8080344
R3-ME-6-17-s	D.G.SET WITH PANEL -1000KVA	Nos	10660166
R3-ME-6-17-t	D.G.SET WITH PANEL -1250KVA	Nos	13790041
<b>R3-ME-6-18</b>	<b>SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET (SP-ME-TS-32)</b>		
R3-ME-6-18-a	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -7.5KVA	Nos	16629
R3-ME-6-18-b	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -10KVA	Nos	30233
R3-ME-6-18-c	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -15KVA	Nos	37791
R3-ME-6-18-d	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -20KVA	Nos	47239
R3-ME-6-18-e	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -30KVA	Nos	68403
R3-ME-6-18-f	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -40KVA	Nos	75394
R3-ME-6-18-g	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -50KVA	Nos	80307
R3-ME-6-18-h	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -62.5KVA	Nos	87864
R3-ME-6-18-i	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -82.5KVA	Nos	92589
R3-ME-6-18-j	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -100KVA	Nos	102414
R3-ME-6-18-k	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -125KVA	Nos	133553
R3-ME-6-18-l	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -140KVA	Nos	164014
R3-ME-6-18-m	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -180KVA	Nos	204545
R3-ME-6-18-n	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -200KVA	Nos	210686
R3-ME-6-18-p	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -250KVA	Nos	240920
R3-ME-6-18-q	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -400KVA	Nos	313970
R3-ME-6-18-r	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -500KVA	Nos	481839

R3-ME-6-18-s	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -750KVA	Nos	908744
R3-ME-6-18-t	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -1000KVA	Nos	997751
R3-ME-6-18-u	SITC OF AUTOMATIC MAINS FAILURE PANEL SUITABLE TO DG SET -1250KVA	Nos	1041050
R3-ME-6-19-a	Automatic pump control panel	Nos	50982



<b>GROUP G – EARTHING AND LIGHTENING PROTECTION</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEM</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-7-1</b>	<b>Earthing (SP-ME-TS-37)</b>		
R3-ME-7-1-b	Earthing station with 100mm Dia., 13mm thick, 3000 mm long GI pipe (Class B or better) earth pit as per IS 3043. The earth pit shall be provided with watering pipe (Class B) with wire messed funnel, 25x3 GI strip / 2X8SWG G.I. wire up to chamber ( wire or strip size as per fault level), disconnecting links with 600 x 600 mm (clear) RCC chamber & heavy duty 3mm thick CI chequered plate cover with hinge & stainless steel bolts. Bentonite/ Charcoal & Salt shall be provided for earth pits. Excavation, back filling, removal of excess soil is included in the scope	Nos	16469
R3-ME-7-1-c	Earthing station with 600 mm x 600 mm x 6 mm galvanised iron plate & 50 mm dia. G.I. pipe, 3000mm long GI pipe (Class B or better) earth pit as per IS 3043. The earth pit shall be provided with watering pipe (Class B) with wire messed funnel, 25x3 GI strip/ / 2X8SWG G.I. wire up to chamber (wire or strip size as per fault level), disconnecting links with 600 x 600 mm (clear) RCC chamber & heavy duty 3mm thick CI chequered plate cover with hinge & stainless steel bolts. Bentonite/ Charcol & Salt shall be provided for earth pits. Excavation, back filling, removal of excess soil is included in the scope	Nos	16475
R3-ME-7-1-d	600 X 600 X 3.15 mm Copper Plate, 3000mm dip with suitable size cu strip earth pit as per IS 3043. The earth pit shall be provided with watering pipe (Class B) with wire messed funnel, 25X3 cu strip / 2X8SWG Cu.wire up to chamber, disconnecting links with 600 x 600 mm (clear) RCC chamber & 3mm thick heavy duty CI chequered plate cover with hinge. Bentonite shall be provided for earth pits. Excavation, back filling, removal of excess soil is included in the scope	Nos	24427
R3-ME-7-1-e	S.I.T.C of maintenance free earthing comprising 17.2 mm electrode	Nos	12342
R3-ME-7-1-f	The above arrangements shall be provided with Heavy duty earth champer of 5000kg load bearing capacity to ensure the safety of earthing system	Nos	1808

R3-ME-7-1-g	Class B+C/Type I+II Surge Protection Devices For Switching Surge & Lightning Surge, For Handling 10/350 & 8/20 Microsecond Waveform For : Three Phase & neutral Application MODEL : V25-B+C/3+NPE-320V	Nos	8423
<b>AU</b>	<b>Lightning Protection (SP-ME-TS-38)</b>		
R3-ME-7-2-a	Lightning Protection of 5 pronged air terminal as per of technical specification. Earth continuity conductor as per requirement & rate. Earth station as per above specification & rate.	Nos	1825
R3-ME-7-2-b	Vertical air terminal with accessories:Providing of Air terminals as per IS-IEC -62305 part-3 16mm rod tapered to 10 mm aluminium rod : Meets the technical specification according to DIN EN 50164-2 (VDE 0815 part 202). Meets the requirement of VDE0185/305(IS/IEC 62305) 4Mtr Airterminal: semi-hard (E- AlMgSiO5 corresponds to DIN 48801) Suitable for high wind load.	Nos	21304
R3-ME-7-2-c	Accessories : System consist of Fang Fix with base and clamp, on the top air terminal is erected. Fang fix clamp made of SS, lightning tested for 100 KA 10/350 micro sec waveform.	Nos	16750
R3-ME-7-2-c1	16 KG stone of 365 mm diameter, high level of stability.Quick and easy mounting of interception rod using anchors. Concrete, frost-resistant, can be stacked.OBO Type No. F-FIX S16 ( 5403 22 7 )	Nos	8019
R3-ME-7-2-d	Providing of expansion piece with connector: For equalising temperature related length changes. Necessary on conductors length over 20 meters. For round conductor Rd 8/ALU.	Nos	1263
R3-ME-7-2-e	Connector: For T cross and parallel connectors. Quick installation using hexagonal bolt M10X30 high-grade hot dip galvanised. Conforms to the requirements according to DIN VDE 0185-305 (IS-IEC 62305)(2nos/expansion piece ).	Nos	1191
R3-ME-7-2-f	Lightnig counter - To count no of lightning strike & it can record the date and time of the lightning incident also tested as per IEC 62561-6. )	Nos	145480
R3-ME-7-2-g	S.I.T.C of low impedance grounding (Digital Earthing)-240 KVA capacities.	Nos	796822
R3-ME-7-2-h	S.I.T.C of low impedance grounding (Digital Earthing)-120 KVA capacities.	Nos	378814
<b>AV</b>	<b>Test links (SP-ME-TS-38)</b>		
<b>R3-ME-7-3</b>	<b>Supply and installation of following size Test Links with required wiring and other accessories to complete the work.</b>		

R3-ME-7-3-a	Supply and installation of following size Test Links 25 x 3 mm GI (length : 300 mm)	Nos	24
R3-ME-7-3-b	Supply and installation of following size Test Links -32 x 6 mm GI (length : 300 mm)	Nos	61
R3-ME-7-3-c	Supply and installation of following size Test Links -25 x 3 mm Cu (length : 300 mm)	Nos	238
R3-ME-7-3-d	Supply and installation of following size Test Links -32 x 6 mm Cu (length : 300 mm)	Nos	503
R3-ME-7-3-e	Supply and installation of following size Test Links -50 x 6 mm GI (length : 300 mm)	Nos	96
R3-ME-7-3-f	Supply and installation of following size Test Links -50 x 6 mm Cu (length : 300 mm)	Nos	686
R3-ME-7-3-g	Supply of Test Joint (Folding Clamp) suitable to connect 8mm round conductor and max by 30x3 mm GI strip as specified in drawing and directed by Engineer.	Nos	1861
<b>AW</b>	<b>Earthing Continuity Conductors (SP-ME-TS-38)</b>		
<b>R3-ME-7-4</b>	<b>Supply &amp; installation of Earth conductor of the following sizes to be cleated on wall / columns with nuts &amp; bolts or laid in cable tray / buried in ground including cutting, drilling, tapping, jointing by welding, connecting to equipments, painting to welded portion by black bitumen paint and with all necessary GI hardware &amp; accessories to complete the work</b>		
R3-ME-7-4-a	Earthing Continuity Conductors -25 x 3mm Tinned copper	Mtr	800
R3-ME-7-4-b	Earthing Continuity Conductors- 32 x 6mm Tinned copper	Mtr	2104
R3-ME-7-4-c	Earthing Continuity Conductors -25 x 6mm Tinned copper	Mtr	1608
R3-ME-7-4-d	Earthing Continuity Conductors -50 x 6mm Tinned copper	Mtr	3199
R3-ME-7-4-e	Earthing Continuity Conductors -25 x 3mm GI	Mtr	50
R3-ME-7-4-f	Earthing Continuity Conductors -25 x 6mm GI	Mtr	99
R3-ME-7-4-g	Earthing Continuity Conductors -50 x 6mm GI	Mtr	200
R3-ME-7-4-h	Earthing Continuity Conductors -Bare Copper Conductor size 14 SWG	Mtr	32
R3-ME-7-4-i	Earthing Continuity Conductors – Bare Copper Conductor size 12 SWG	Mtr	49
R3-ME-7-4-j	Earthing Continuity Conductors -Bare Copper Conductor size 10 SWG	Mtr	81
R3-ME-7-4-k	Earthing Continuity Conductors -Bare Copper Conductor size 8 SWG	Mtr	130
R3-ME-7-4-l	Earthing Continuity Conductors -Bare G.I. Conductor size 10 SWG	Mtr	6
R3-ME-7-4-m	Earthing Continuity Conductors -Bare G.I. Conductor size 8 SWG	Mtr	9

R3-ME-7-4-n	Supply of Galvanised Steel Flat 30X3 mm thick from earth electrode directly in ground as required. Hot Dip GI strip, Cross sectional area of 90mm square According to DIN EN 50164-2 (VDE 0185 part 202) Meets the requirement of VDE0185/305(IS-IEC 62305) Zinc coating: 500 g/m square (Approx :70 micron coating) Should be tested and use exclusively for lightning protection ,earthing system and ring equipotential bonding.	Mtr	1653
R3-ME-7-4-o	Supply of Cross connector for Flat: Suitable for 30mm Galvanised steel strip. Installed with 4 nos of hexagonal plate.	Nos	1164
R3-ME-7-4-p	Providing of flat conductor holder suitable for FL 30. Installed with 2 hexagonal bolts.	Nos	954
R3-ME-7-4-q	Providing of Plastic Corrosion Protection strip: Approx 1.1 mm thick. Width 50mm. Made of petrolatum- coated chemical fibre fabric.	Nos	4944
R3-ME-7-5-a	Supply of 8 mm Aluminum Round Conductor complete as specified in drawing & Meets the requirements of DIN EN 50164-2 (VDE 0185 part 202) & VDE 0185-305 (IS/IEC 62305) ,	Mtr	1596
R3-ME-7-5-b	Supply of Roof conductor holder for parapet- Polyamide Conductor holder: With M8 female thread or diameter 7mm, M8 Screw to connect the conductor holder. Weather and temperature resistant from -35 to +90 degree Celsius tested. Conductor holder @ 1 meter distance.	Nos	388
R3-ME-7-5-c	Wood screws(5 x60) and plastic dowels(8x 40)	Nos.	72
R3-ME-7-5-d	Polyamide roof cable holder for flat roof: DIN 48829 Form B1. Closed form with bottom.	Nos	654
	Filling weight 1Kg (frost-resistant concrete). Sleeve from polyethylene, black @ 1 meter distance.		
R3-ME-7-5-e	Glue	Nos	13653
R3-ME-7-5-f	Providing of cross universal connector: For T and cross connection, to route vertical down conductor /mesh formation made of hot dipped galvanised iron with necessary screws etc as required. Installed with 4 hexagonal bolts M8*25 with M8 hexagonal nuts .	Nos	1344
R3-ME-7-6-a	Fang Fix Junior system - Inclusive of AL interception rod of 1 Mtr Length (10mm dia ), Quick mounting of the interception rod in the base using plug technology.	Nos	8423
R3-ME-7-7-a	SITC of maintenance free heavy duty pure electrolytic copper chemical earthing electrode of 50mm dia , wall thickness 16SWG and 3 Mtr length with internal strip of copper 25 x 6 mm along with 50 KG of back fill compound (Highly conductive, non corrosive moisture retaining chemical) complete with excavation, civil work including top 300mm deep one brick thick masonry chamber with suitable FRP cover.	Nos	68500

**GROUP H - REMOVAL, REFIXING, ELECTRICAL REPAIRS, REBATE, REPLACEMENT**

<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>AX</b>	<b>REMOVAL</b>		
R3-ME-8-1-a	Removal of point wiring (Light ,fan points,IP,PP,call bell,gong bell,bell indicator points)	Nos	9
R3-ME-8-1-b	Removal of switchgears / ELCB / RCCB upto 32 Amp / 40 Amp.	Nos	10
R3-ME-8-1-c	Removal of switchgears / ELCB / RCCB from 63 Amp to 100 Amp.	Nos	9
R3-ME-8-1-d	Removal of switcgears / ELCB / RCCB above 100 Amp to 400 Amp.	Nos	19
R3-ME-8-1-e	Removal of switchgears/ DBs upto 200 Amp.	Nos	19
R3-ME-8-1-f	Removal of switchgears/ DBs above 200 Amp to 400 Amp.	Nos	32
R3-ME-8-1-g	Removal of fixtures / fittings / ceiling fans / bulkhead / street light / gyeser etc.	Nos	38
R3-ME-8-1-h	Removal of cable from 1.5 sq.mm to 3-1/2 core x 35 sq.mm.	Mtr	9
R3-ME-8-1-i	Removal of cable above 3-1/2 core x 35 Sq. mm. to 3-1/2 core x 70 sq. mm	Mtr	13
R3-ME-8-1-j	Removal of cable above 3-1/2 core x 70 Sq.mm upto 3-1/2 core x 120 sq. mm.	Mtr	19
R3-ME-8-1-k	Removal of cable above 3-1/2 core x 120 Sq.mm upto 3-1/2 core x 400 sq. mm.	Mtr	33
R3-ME-8-1-l	Removal of street light poles (4.5 to 11 mtrs. length, all types of G.I. & M.S. poles).	Nos	136
R3-ME-8-1-m	Removal of fan regulator. (All types)	Nos	8
R3-ME-8-1-n	Removal of 'A' , 'B' & 'C' class G.I. pipe upto 100 mm dia.	Mtr	13
R3-ME-8-1-o	Removal of control panel upto 100 Amp. incomer, capacitor etc.	Panel	204
R3-ME-8-1-p	Removal of control panel above 100 Amp incomer upto 300 Amp incomer with busbar, capacitor etc.	Panel	424
R3-ME-8-1-q	Removal of control panel above 300 Amp incomer upto 800 Amp incomer with busbar, capacitor etc.	Panel	720
R3-ME-8-1-r	Removal of busbar chamber from 32 Amp TPN to 100 Amp TPN.	Nos	14
R3-ME-8-1-s	Removal of busbar chamber above 100 Amp TPN to 800 Amp TPN.	Nos	35
R3-ME-8-1-t	Removal of starter 1 ph. / 3 ph. DOL / Star- Delta / F.A.S.D.	Nos	15
R3-ME-8-1-u	Removal of all types and capacities of pump sets with all accessories	Set	144

R3-ME-8-1-V	Removal of DG set	KVA	1000
R3-ME-8-1-w	Removal of telephone wires/ cables, any type of communication /data cables/ wires	Mtr	9
R3-ME-8-1-x	Removal of old cameras, DVRs along with cables and accessories	Nos	42
R3-ME-8-1-y	Removing/ Dismantling of old 1.0/ 1.5 TR/ 2.0 window/ split AC/ FCU/ Cassette unit.	Nos	2076
R3-ME-8-1-z	Removing/ Dismantling of old 3.0 TR window/ split AC/ FCU/Cassette unit.	Nos	2585
R3-ME-8-1-aa	Removing/ Dismantling of old 5.5 TR ductable / packaged AC units along with all accessories.	Nos	8898
R3-ME-8-1-ab	Removing/ Dismantling of old 8.5/ 8.75 TR ductable / packaged AC units along with all accessories	Nos	12458
R3-ME-8-1-ac	Removing/ Dismantling of old 10.0/ 11.0 TR ductable / packaged AC units along with all accessories	Nos	18305
R3-ME-8-1-ad	Removing/ Dismantling of old 16.5/ 17.0 TR ductable / packaged AC units along with all accessories	Nos	22881
R3-ME-8-1-ae	Removing/ Dismantling of old 5.0/ 7.5 TR water cooled packaged AC units along with all accessories	Nos	16586
R3-ME-8-1-af	Removing/ Dismantling of old 8.5/ 10.0/ 11.0 TR water cooled packaged AC units along with accessories	Nos	22458
R3-ME-8-1-ag	Removing/ Dismantling of old 16.0 to 20.0 TR water cooled packaged AC units with all accessories.	Nos	28654
<b>AY</b>	<b>REFIXING:</b>		
R3-ME-8-2-a	Refixing of switchgear, DBs, busbars upto 100 Amp switch on existing arrangement.	Nos	184
R3-ME-8-2-b	Refixing of switchgear, DBs, busbars above 100 Amp to 800 Amp switch on existing arrangement.	Nos	278
R3-ME-8-2-c	Refixing of tubelight fixture with new flexible wire accessories & using old conduit pipe or old T. W. Round block.	Nos	64
R3-ME-8-2-d	Refixing of ceiling fans.	Nos	52
R3-ME-8-2-e	Refixing of ceiling fan regulator with necessary accessories.	Nos	14
R3-ME-8-2-f	Refixing of control panel from 16 Amp to 100 Amp incomer including terminations, interconnections etc.	Panel	425
R3-ME-8-2-g	Refixing of control panel above 100 Amp to 800 Amp incomer including terminations, interconnections etc.	Panel	848
R3-ME-8-2-h	Refixing of 2 core/ 3 core/ 3-1/2 core / 4 core/ 6 core copper / aluminium conductor armoured / unarmoured cable 1.5 sq.mm. to 16 sq.mm. size on wall / ceiling etc.	Mtr	53
R3-ME-8-2-i	Refixing of 2 core / 3 core / 3-1/2 core / 4 core/ 6 core copper / aluminium conductor armoured / unarmoured cable above 16 sq.mm. to 150 sq.mm. size on wall / ceiling etc.	Mtr	79

R3-ME-8-2-j	Refixing of 3-1/2 core / 4 core copper / aluminium armoured cable above 150 sq.mm. to 400 sq.mm. size on wall / ceiling etc.	Mtr	92
R3-ME-8-2-k	Refixing of speaker wires.	Mtr	73
R3-ME-8-2-l	Refixing of bulkhead fitting by using new single T.W.board.	Nos	29
R3-ME-8-2-m	Refixing of O/L fitting by using old shed, holder, wire, bulb etc.	Nos	14
R3-ME-8-2-n	Refixing of existing (working condition) all types of pumpsets & to connect the same to existing suction & delivery on new foundation & commissioning the same as per Site Engineer's instructions.	Nos	229
R3-ME-8-2-o	Removing & refixing of existing ceiling fan by replacing new rubber shycle cotter pin ,check nut, connector 3 core flexible wire, clamps for ceiling fan, M.S. (High Tension) full threaded nut bolts etc.	Nos	258
R3-ME-8-2-p	Refixing of DG set	KVA	4322
R3-ME-8-2-q	Refixing of telephone wires/ cables, any type of communication /data cables/ wires in PVC conduit/casing n capping /concealed etc.	Mtr	52
R3-ME-8-2-r	Refixing of old cameras, DVRs along with cables and accessories	Nos	68
<b>AZ</b>	<b>REPLACEMENT:</b>		
R3-ME-8-3-a	Replacement of 1 x 40/36 W Electronic choke.	Nos	244
R3-ME-8-3-b	Replacement of 2 x 40/36 W Electronic choke.	Nos	631
R3-ME-8-3-c	Replacement of Fan Regulator (Resistant type)	Nos	104
R3-ME-8-3-d	Removing old T.W. board & replacing it with new T.W. folding switchboard for light & fan points. (7-1/2 points) by using sunmica top with 7 Nos. 5 Amp. SP switch & 5 Amp. plug socket with 1 No. 5 Amp. SP switch complete with interconnection & connected to existing wiring.	Set	386
R3-ME-8-3-e	Supplying & Fixing Tubelight 36W in existing fixture of 4ft length.	Nos	66
R3-ME-8-3-f	Replacement of "L" clamp for tubelight fixing (10guage/3mm)	Nos	33
R3-ME-8-3-g	Replacement of Click -2-save 30W Triphosphur Tube	Nos	198
R3-ME-8-3-h	Replacement of Trulite 36W Tubelight with EBS 136/02	Nos	837
R3-ME-8-3-i	Replacement of TLD 80 NG with EBS 136/02	Nos	858
R3-ME-8-3-j	Replacement of 28W T-5 lamp.	Nos	155
R3-ME-8-3-k	Replacement of 250W Ignite-or	Nos	505
R3-ME-8-3-l	Replacement of 250W SON-T lamp	Nos	1235
R3-ME-8-3-m	Replacement of 250W lamp holder	Nos	353
R3-ME-8-3-n	Replacement of 250W condenser	Nos	547
R3-ME-8-3-o	Replacement of 250W choke	Nos	3092

R3-ME-8-3-p	Replacement of 400W Ignite-or	Nos	707
R3-ME-8-3-q	Replacement of 400W SON-T lamp	Nos	1328
R3-ME-8-3-r	Replacement of 400W lamp holder	Nos	322
R3-ME-8-3-s	Replacement of 400W condenser	Nos	567
R3-ME-8-3-t	Replacement of 400W choke	Nos	3915
<b>BA</b>	<b>REBATE FOR TAKING AWAY REMOVED OLD MATERIAL: Rate for removed material handed over to the contractor in as is and where is condition &amp; contractor shall give rebate on it.</b>		
<b>R3-ME-8-4</b>	<b>WIRING</b>		
R3-ME-8-4-a	Rebate for Point wiring in Aluminium conductor.	Nos	-10
R3-ME-8-4-b	Rebate for Point wiring in copper conductor.	Nos	-19
<b>R3-ME-8-5</b>	<b>SWITCHGEARS:</b>		
R3-ME-8-5-a	Rebate for Switchgears upto 100 Amps (including 100 Amp.)	Nos	-46
R3-ME-8-5-b	Rebate for Switchgears above 100 Amps to 200 Amps.	Nos	-91
R3-ME-8-5-c	Rebate for Switchgears above 200 Amps to 800 Amps.	Nos	-181
R3-ME-8-5-d	Rebate for Busbar chamber from 32 Amp TPN to 100 Amp TPN.	Nos	-682
R3-ME-8-5-e	Rebate for Busbar chamber above 100 Amp TPN to 800 Amp TPN.	Nos	-3021
<b>R3-ME-8-6</b>	<b>REBATE FOR LT PANEL :</b>		
R3-ME-8-6-a	Rebate of control panel upto 100 Amp. incomer, capacitor etc	Panel	-290
R3-ME-8-6-b	Rebate of control panel above 100 Amp incomer upto 300 Amp incomer with busbar, capacitor etc.	Panel	-1308
R3-ME-8-6-c	Rebate of control panel above 300 Amp incomer upto 800 Amp incomer with busbar, capacitor etc	Panel	-3836
<b>R3-ME-8-7</b>	<b>CABLES:</b>		
R3-ME-8-7-a	Rebate for Aluminium cable upto 3-1/2 C x 35 sq. mm (Including 3-1/2 core x 35 sq.mm.)	Mtr	-14
R3-ME-8-7-b	Rebate for Aluminium cable above 3-1/2 C x 35 sq. mm to 400 sq. mm	Mtr	-19
R3-ME-8-7-c	Rebate for Copper cable upto 35 sq. mm (Including 35 sq.mm. All types of core).	Mtr	-72
R3-ME-8-7-d	Rebate for Copper cable above 35 sq. mm to 3-1/2 C x 150 sq. mm	Mtr	-294
<b>R3-ME-8-8</b>	<b>FIXTURES: WITHOUT BULBS &amp; FLOURESCENT TUBES. (ALL TYPES).</b>		
R3-ME-8-8-a	Rebate for All types of tube light fittings / fixtures with down suspension rods ball socket etc .	Nos	-35
R3-ME-8-8-b	Rebate for Motor-starter, capacitors etc.	Nos	-40
R3-ME-8-8-c	Rebate for All types of HPMV / HPSV / Blended filament / Metal Halide lamp fittings	Nos	-190



R3-ME-8-8-d	Rebate for Bulkhead fittings /All types of Decorative GLS lamp fittings	Nos	-9
R3-ME-8-8-e	Rebate for Flood light / Halogen fittings	Nos	-88
R3-ME-8-8-f	Rebate for Bulk kit fitting.	Nos	-88
<b>R3-ME-8-9</b>	<b>PUMPS AND PIPING</b>		
R3-ME-8-9-a	Rebate for Monoblock / coupled pumpset upto 5 HP.	Set	-949
R3-ME-8-9-b	Rebate for Monoblock / coupled pumpset above 5 HP to 10 HP.	Set	-1414
R3-ME-8-9-c	Rebate for Monoblock / coupled pumpset above 12.5 HP.	Set	-1590
R3-ME-8-9-d	Rebate for Monoblock / coupled pumpset above 15 HP.	Set	-1766
R3-ME-8-9-e	Rebate for B' & 'C' G.I. pipe with accessories all sizes.	Mtr	-14
<b>R3-ME-8-10</b>	<b>BRASS/ GUN METAL VALVE: FOOT VALVES</b>		
R3-ME-8-10-a	Rebate for Brass/ gun metal valve: foot valves 32 mm dia. to 50 mm dia.	Nos	-45
R3-ME-8-10-b	Rebate for Brass/ gun metal valve: foot valves 65 mm dia. to 100 mm dia.	Nos	-65
<b>R3-ME-8-11</b>	<b>BRASS / GUN METAL VALVES: NON RETURN VALVES:</b>		
R3-ME-8-11-a	Removal and Rebate for Brass / gun metal valves: non return valves: 32 mm dia. to 50 mm dia.	Nos	-70
R3-ME-8-11-b	Rebate for Brass / gun metal valves: non return valves: 65 mm dia. to 100 mm dia.	Nos	-133
<b>R3-ME-8-12</b>	<b>BRASS / GUN METAL VALVES: GATE VALVES:</b>		
R3-ME-8-12-a	Rebate for brass / gun metal valves: gate valves:12 mm dia. to 50 mm dia.	Nos	-29
R3-ME-8-12-b	Rebate for brass / gun metal valves: gate valves:65 mm dia. to 100 mm dia.	Nos	-57
<b>R3-ME-8-14</b>	<b>Fans &amp; Regulator</b>		
R3-ME-8-14-a	Rebate for Fan regulator resistance / Electronic type	Nos	-5
R3-ME-8-14-b	Rebate for Ceiling Fan / Table Fan all types & sizes	Nos	-142
R3-ME-8-14-c	Rebate for Exhaust Fan all types & sizes	Nos	-142
R3-ME-8-14-d	Rebate for Pedestal Fan / Wall mounting Fan / Air Circulator all types and sizes	Nos	-133
<b>R3-ME-8-15</b>	<b>Gong Bells</b>		
R3-ME-8-15-a	Rebate for Gong Bells	Nos	-26
<b>R3-ME-8-16</b>	<b>Heater</b>		
R3-ME-8-16-a	Rebate for Heaters : Instant & storage type Heaters of all types	Nos	-331
<b>R3-ME-8-17</b>	<b>All types of poles with C. I. boxes G.I. Pipes, clamps, Bracket, on 'As Is where is basis' :</b>		
R3-ME-8-17-a	Rebate for All types of poles with c. i. boxes g.i. pipes, clamps, bracket, on :7 Mtr. Pole	Set	-477

R3-ME-8-17-b	Rebate for All types of poles with c. i. boxes g.i. pipes, clamps, bracket, on 9 Mtr. Pole	Set	-569
R3-ME-8-17-c	Rebate for All types of poles with c. i. boxes g.i. pipes, clamps, bracket, on : 11 Mtr. Pole	Set	-750
R3-ME-8-17-d	Rebate for All types of poles with c. i. boxes g.i. pipes, clamps, bracket, on : 4.5 Mtr. G.I. pipe pole, 50mm dia.	Set	-198
R3-ME-8-17-e	Rebate for All types of poles with c. i. boxes g.i. pipes, clamps, bracket, on : 4.5 Mtr. G.I. pipe pole, 65mm dia.	Set	-243
R3-ME-8-17-f	Rebate for DG set	KVA	-1424
<b>R3-ME-8-18</b>	<b>AIR CONDITIONER (WINDOW)</b>		
R3-ME-8-18-a	Rebate 1.5 TR Window AC	Nos	-1519
R3-ME-8-18-b	Rebate 3 TR Window AC	Nos	-2373
R3-ME-8-18-c	Rebate 2TR Window AC	Nos	-1898
R3-ME-8-18-d	Rebate 1 TR Window AC	Nos	-1139
<b>R3-ME-8-19</b>	<b>AIR CONDITIONER (SPLIT)</b>		
R3-ME-8-19-a	Rebate 1.5 TR Split AC	Nos	-1519
R3-ME-8-19-b	Rebate 3 TR Split AC	Nos	-2373
R3-ME-8-19-c	Rebate 2TR Split AC	Nos	-1898
R3-ME-8-19-d	Rebate 1 TR Split AC	Nos	-1139
	<b>AIR CONDITIONER CASSETTE / PACKAGE AC</b>		
R3-ME-8-19-e	Rebate for old 1.0/ 1.5/2.0 TR FCU/ Cassette unit.	Nos	-1424
R3-ME-8-19-f	Rebate for old 3.0 TR FCU/Cassette unit.	Nos	-2373
R3-ME-8-19-g	Rebate for old 5.5 TR ductable / packaged AC units along with all accessories.	Nos	-8068
R3-ME-8-19-h	Rebate for old 8.5/ 8.75 TR ductable / packaged AC units along with all accessories.	Nos	-11864
R3-ME-8-19-i	Rebate for old 10.0/ 11.0 TR ductable / packaged AC units along with all accessories.	Nos	-14237
R3-ME-8-19-j	Rebate for old 16.5/ 17.0 TR ductable / packaged AC units along with all accessories.	Nos	-18983
R3-ME-8-19-k	Rebate for old 5.0/ 7.5 TR water cooled packaged AC units along with all accessories.	Nos	-11864
R3-ME-8-19-l	Rebate for old 8.5/ 10.0/ 11.0 TR water cooled packaged AC units along with all accessories.	Nos	-17085
R3-ME-8-19-m	Rebate for old 16.0 to 20.0 TR water cooled packaged AC units along with all accessories.	Nos	-24678
	<b>Water cooler , Refrigerator and A.C.</b>		
R3-ME-8-19-n	Rebate for old 20/ 40 ltrs cap old water cooler.	Nos	-949
R3-ME-8-19-o	Rebate for old 40/ 80 ltrs cap old water cooler.	Nos	-1424
R3-ME-8-19-p	Rebate for old 150/ 150 ltrs cap old water cooler.	Nos	-1898
R3-ME-8-19-q	Rebate for old 180-200 ltrs cap old refrigerator.	Nos	-475
R3-ME-8-19-r	Rebate for old 250-270 ltrs cap old refrigerator.	Nos	-949

R3-ME-8-19-s	Rebate for old 290-310 ltrs cap old refrigerator.	Nos	-1424
R3-ME-8-19-t	Rebate for old precision A.C of 26 TR	Nos	-22034
R3-ME-8-19-u	Rebate for old precision A.C of 18 TR	Nos	-19492
R3-ME-8-19-v	Rebate for old precision A.C of 6 TR	Nos	-5932
R3-ME-8-19-w	Rebate for old copper pipe of split AC	Mtr	-148
R3-ME-8-19-x	Rebate for old copper pipe of VRF AC	Mtr	-233
R3-ME-8-19-y	Rebate for old AHU and its accessories CFM 2000 - CFM 7000	Nos	-9657
R3-ME-8-19-z	Rebate for old AHU and its accessories CFM 8000 - CFM 15000	Nos	-13796
R3-ME-8-19-aa	Rebate for old AHU and its accessories CFM 16000 - CFM 25000	Nos	-17935
	<b>Rebate for Deep Freezers (New Items)</b>		
R3-ME-8-19-ab	Rebate of Deep Freezer (0°C to-20°C) 250-280 Ltr.	Nos	-2069
R3-ME-8-19-ac	Rebate of Deep Freezer (0°C to-20°C) 400-475 Ltr.	Nos	-2759
R3-ME-8-19-ad	Rebate of Deep Freezer (-20°C to-40°C) 250-280 Ltr.	Nos	-2759
R3-ME-8-19-ae	Rebate of Deep Freezer (-20°C to-40°C) 400-475 Ltr	Nos	-3449
R3-ME-8-19-af	Rebate of Deep Freezer (-40°C to-80°C) 90 - 120 Ltr	Nos	-4139
R3-ME-8-19-ag	Rebate of Deep Freezer (-40°C to-80°C) 200-250 Ltr	Nos	-5519
R3-ME-8-19-ah	Rebate of Deep Freezer (-40°C to-80°C) 350-400 Ltr	Nos	-6898
R3-ME-8-19-ai	Rebate of Deep Freezer (-40°C to-80°C) 500-550 Ltr	Nos	-8278
R3-ME-8-19-aj	Rebate of Deep Freezer (-40°C to-80°C) 750 - 800 Ltr	Nos	-9657
	<b>Rebate for Medical Refrigerator / Lab refrigerator (New Item)</b>		
R3-ME-8-19-ak	Rebate of Lab Refrigerator (2°C to 8°C), Capacity 500 - 550 Ltrs.	Nos	-2759
<b>R3-ME-8-20</b>	<b>PAINTING OF FANS &amp; FIXTURES:</b>		
R3-ME-8-20-a	Spray Painting of fans (All types).	Nos	172
R3-ME-8-20-b	Repainting of fans & fixtures with brush	Nos	147
<b>R3-ME-8-21</b>	<b>PAINTING OF POLES</b>		
R3-ME-8-21-a	Painting of 4.5 mtr G.I./M.S. Pole (All types).	Nos	390
R3-ME-8-21-b	Painting of 7 mtr G.I./M.S. Pole (All types).	Nos	621
R3-ME-8-21-c	Painting of 9 mtr G.I./M.S. pole (All types).	Nos	772
R3-ME-8-21-d	Painting of 11 mtr G.I./M.S. pole (All types).	Nos	921
<b>R3-ME-8-22</b>	<b>COMPLETE REWINDING OF MOTOR &amp; PAINTING FOR SURFACE MOUNTED PUMPSET:</b>		
R3-ME-8-22-a	Complete rewinding of motor & painting for surface mounted pumpset upto 1 H.P. induction motor.	Nos	3588
R3-ME-8-22-b	Complete rewinding of motor & painting for surface mounted pumpset for 2 H.P. induction motor.	Nos	4633
R3-ME-8-22-c	Complete rewinding of motor & painting for surface mounted pumpset for 3 H.P. induction motor.	Nos	6480

R3-ME-8-22-d	Complete rewinding of motor & painting for surface mounted pumpset for 5 H.P. induction motor.	Nos	8682
R3-ME-8-22-e	Complete rewinding of motor & painting for surface mounted pumpset for 7.5 H.P. induction motor.	Nos	10565
R3-ME-8-22-f	Complete rewinding of motor & painting for surface mounted pumpset for 10 H.P. induction motor.	Nos	12345
R3-ME-8-22-g	Complete rewinding of motor & painting for surface mounted pumpset for 12.5H.P. induction motor.	Nos	13851
R3-ME-8-22-h	Complete rewinding of motor & painting for surface mounted pumpset for 15 H.P. induction motor.	Nos	14200
<b>R3-ME-8-23</b>	<b>COMPLETE REWINDING &amp; PAINTING OF SUBMERCIBLE PUMP MOTORS WITH REPLACEMENT OF BEARINGS, NUT BOLTS (SS) ETC:</b>		
R3-ME-8-23-a	Complete rewinding & painting of submersible pump motors:Upto 5 H. P.	Nos	14047
R3-ME-8-23-b	Complete rewinding & painting of submersible pump motors:For 7.5 H.P.	Nos	14698
R3-ME-8-23-c	Complete rewinding & painting of submersible pump motors :For 10.0 H.P.	Nos	23455
R3-ME-8-23-d	Complete rewinding & painting of submersible pump motors10 H.P. to 15.0 H.P.	Nos	19877
R3-ME-8-23-e	Complete rewinding & painting of submersible pump motors 15 H.P. to 25 H.P.	Nos	30236
<b>R3-ME-8-24</b>	<b>REPLACEMENT OF MISC. PARTS SUCH AS FASTENERS / COOLING FAN / TERMINAL BLOCK ETC. FOR SURFACE MOUNTED:</b>		
R3-ME-8-24-a	Replacement of misc. parts such as fasteners / cooling fan / terminal block etc. for surface mounted motors Upto 1 H.P. single/ three ph. induction motor (including 1 H.P. capacity motor).	Nos	610
R3-ME-8-24-b	Replacement of misc. parts such as fasteners / cooling fan / terminal block etc. for surface mounted 1 H.P. to 2 H.P. Single / three ph. induction motor.	Nos	612
R3-ME-8-24-c	Replacement of misc. parts such as fasteners / cooling fan / terminal block etc. for surface mounted 3 H.P. three ph. Induction motor.	Nos	712
R3-ME-8-24-d	Replacement of misc. parts such as fasteners / cooling fan / terminal block etc. for surface mounted 5 H.P. three ph. induction motor.	Nos	983
R3-ME-8-24-e	Replacement of misc. parts such as fasteners / cooling fan / terminal block etc. for surface mounted 7.5 H.P. three ph. induction motor.	Nos	1017

R3-ME-8-24-f	Replacement of misc. parts such as fasteners / cooling fan / terminal block etc. for surface mounted 10 H.P. Three ph. induction motor.	Nos	1356
<b>R3-ME-8-25</b>	<b>REPLACEMENT OF BEARING FOR SURFACE MOUNTING PUMP'S MOTOR:</b>		
R3-ME-8-25-a	Replacement of bearing for surface mounting pump's motor Upto 1 H.P. single/ three ph. induction motor (including 1 H.P.)	Nos	542
R3-ME-8-25-b	Replacement of bearing for surface mounting pump's motor Above 1 H.P. to 2 H.P. single/ three ph. induction motor.	Nos	551
R3-ME-8-25-c	Replacement of bearing for surface mounting pump's motor 3 H.P. three ph. induction motor.	Nos	737
R3-ME-8-25-d	Replacement of bearing for surface mounting pump's motor 5 H.P. three ph. induction motor.	Nos	831
R3-ME-8-25-e	Replacement of bearing for surface mounting pump's motor 7.5 H.P. three ph.. induction motor.	Nos	1441
R3-ME-8-25-f	Replacement of bearing for surface mounting pump's motor 10 H.P. three ph. induction motor.	Nos	1831
<b>R3-ME-8-26</b>	<b>PUMP REPAIRS: REPAIR WORK INCLUDING GREASING, REPLACEMENT OF GLAND PACKING, 'O' RING / OIL SEALING AND GASKETS:</b>		
R3-ME-8-26-a	Pump repairs: repair work including greasing, replacement of gland packing, 'o' ring / oil sealing and gaskets for pumps:1 H.P to 3 H.P.	Nos	630
R3-ME-8-26-b	Pump repairs: repair work including greasing, replacement of gland packing, 'o' ring / oil sealing and gaskets for pumps:Above 3 H.P. to 5 H.P.	Nos	644
R3-ME-8-26-c	Pump repairs: repair work including greasing, replacement of gland packing, 'o' ring / oil sealing and gaskets for pumps:Above 5 H.P. to 10 H.P.	Nos	669
R3-ME-8-26-d	Pump repairs: repair work including greasing, replacement of gland packing, 'o' ring / oil sealing and gaskets for pumps:Above 10 H.P. to 15 H.P.	Nos	1061
<b>R3-ME-8-27</b>	<b>REPLACEMENT OF BEARING FOR PUMPS:</b>		
R3-ME-8-27-a	Replacement of bearings of pumps upto 1 H.P. to 3 H.P. single / three ph.	Nos	568
R3-ME-8-27-b	Replacement of bearings of pumps upto 3 H.P. to 5 H.P.	Nos	847
R3-ME-8-27-c	Replacement of bearings of pumps upto 7.5 H.P. to 10 H.P.	Nos	1466
R3-ME-8-27-d	Replacement of bearings of pumps upto 12.5 H.P. to 15 H.P.	Nos	1822
<b>R3-ME-8-28</b>	<b>REPLACEMENT OF SHAFT SLEEVES FOR PUMPS,SURFACE MOUNTED: (GUN METAL)</b>		

R3-ME-8-28-a	Replacement of shaft sleeves for pumps,surface mounted: (gun metal)Upto 3 H.P. (including single / three ph. For 1 H.P. & 2 H.P.)	Nos	2119
R3-ME-8-28-b	Replacement of shaft sleeves for pumps,surface mounted: (gun metal)Above 3 H.P. to 5 H.P.	Nos	2458
R3-ME-8-28-c	Replacement of shaft sleeves for pumps,surface mounted: (gun metal)Above 7.5 H.P. to 10 H.P.	Nos	2542
R3-ME-8-28-d	Replacement of shaft sleeves for pumps,surface mounted: (gun metal)Above 12.5 H.P. to 15 H.P.	Nos	3136
<b>R3-ME-8-29</b>	<b>REPLACEMENT OF SHAFT FOR SUBMERCIBLE PUMPSET:</b>		
R3-ME-8-29-a	Replacement of shaft for submercible pumpset:1 H.P. to 5 H.P.	Nos	3814
R3-ME-8-29-b	Replacement of shaft for submercible pumpset:Above 5 H.P. to 7.5 H.P.	Nos	5254
R3-ME-8-29-c	Replacement of shaft for submercible pumpset:Above 7.5 H.P. to 10 H.P.	Nos	6305
R3-ME-8-29-d	Replacement of shaft for submercible pumpset:Above 10 H.P. to 15 H.P.	Nos	7829
R3-ME-8-29-e	Replacement of shaft for submercible pumpset:Above 15 H. P. to 21 H.P.	Nos	10508
<b>R3-ME-8-30</b>	<b>REPLACEMENT OF EACH IMPELLER WITH INTERSTAGE RING AND BEARING FOR SUBMERCIBLE PUMPSET:</b>		
R3-ME-8-30-a	Replacement of each impeller with interstage ring and bearing for submersible pump:1 H.P. to 5 H.P.	Nos	1508
R3-ME-8-30-b	Replacement of impeller with interstage ring etc submersible pump:Above 5 H.P. to 7.5 H.P.	Nos	2251
R3-ME-8-30-c	Replacement of each impeller with interstage etc for submersible pump:Above 7.5 H.P. to 10 H.P.	Nos	3288
R3-ME-8-30-d	Replacement of each impeller for submercible pumpset:Above 12.5 H.P. to 15 H.P.	Nos	3703
R3-ME-8-30-e	Replacement of each impeller for submersible pumpset:Above 15 H. P. to 21 H.P.	Nos	4212
<b>R3-ME-8-31</b>	<b>REPAIRS / REWINDING OF CEILING FAN / PEDESTAL FAN /EXHAUST FAN INCLUDING TRANSPORTATION CHARGES ETC. REWINDING OF FANS :</b>		
R3-ME-8-31-a	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :900 mm sweep ceiling fan	Nos	530
R3-ME-8-31-b	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :1050 mm sweep ceiling fan	Nos	597

R3-ME-8-31-c	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :1200 mm sweep ceiling fan	Nos	631
R3-ME-8-31-d	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :1400 mm sweep ceiling fan	Nos	758
R3-ME-8-31-e	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :406 mm sweep pedestal fan	Nos	758
R3-ME-8-31-f	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :457 mm sweep pedestal fan	Nos	839
R3-ME-8-31-g	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :610 mm sweep pedestal fan	Nos	1059
R3-ME-8-31-h	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :300 mm sweep Table fan	Nos	487
R3-ME-8-31-i	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :406 mm sweep Table fan	Nos	763
R3-ME-8-31-j	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :380 mm sweep Exhaust fan	Nos	814
R3-ME-8-31-k	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :450 mm sweep Exhaust fan	Nos	1059
R3-ME-8-31-l	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :600 mm sweep Exhaust fan	Nos	1597
R3-ME-8-31-m	Repairs / rewinding of ceiling fan / pedestal fan /exhaust fan including transportation charges etc. rewinding of fans :610 mm Air circulator floor mounting / wall mounting.	Nos	2542
<b>R3-ME-8-32</b>	<b>REPLACEMENT OF BEARING FOR FANS</b>		
R3-ME-8-32-a	Replacement of bearing for fans 900 mm sweep ceiling fan	Nos	405
R3-ME-8-32-b	Replacement of bearing for fans 1050 mm sweep ceiling fan	Nos	443
R3-ME-8-32-c	Replacement of bearing for fans 1200 mm sweep ceiling fan	Nos	394
R3-ME-8-32-d	Replacement of bearing for fans 1400 mm sweep ceiling fan	Nos	443
R3-ME-8-32-e	Replacement of bearing for fans 406 mm sweep pedestal fan	Nos	59
R3-ME-8-32-f	Replacement of bearing for fans 457 mm sweep pedestal fan	Nos	75
R3-ME-8-32-g	Replacement of bearing for fans 610 mm sweep pedestal fan	Nos	84

R3-ME-8-32-h	Replacement of bearing for fans 300 / 400 mm sweep Table fan	Nos	315
R3-ME-8-32-i	Replacement of bearing for fans 406 mm sweep Table fan	Nos	325
R3-ME-8-32-j	Replacement of bearing for fans 380 mm sweep Exhaust fan	Nos	481
R3-ME-8-32-k	Replacement of bearing for fans 450 mm sweep Exhaust fan	Nos	586
R3-ME-8-32-l	Replacement of bearing for fans 600 mm sweep Exhaust fan	Nos	895
R3-ME-8-32-m	Replacement of bearing for fans 406 mm sweep wall mounting fan	Nos	479
R3-ME-8-32-n	Replacement of bearing for fans 457 mm sweep wall mounting fan	Nos	464
R3-ME-8-32-o	Replacement of bearing for fans 610 mm sweep wall mounting fan	Nos	886
<b>R3-ME-8-33</b>	<b>REPLACEMENT OF CREMATORIUM EQUIPMENTS</b>		
R3-ME-8-33-a	Replacement of heating coils (4.5kW) for electric crematorium	Nos	2563
<b>R3-ME-8-34</b>	<b>REPLACEMENT OF LOCKER</b>		
R3-ME-8-34-a	Replacement of Pigeon Hole	Sqm	1528
R3-ME-8-34-b	Replacement of Employee Locker	Sqm	1488
<b>R3-ME-8-35</b>	<b>REPLACEMENT OF FURNITURE</b>		
R3-ME-8-35-a	Replacement of Door Closure	Nos	2223
<b>R3-ME-8-36</b>	<b>REPAIRS TO HOSPITAL EQUIPMENTS</b>		
R3-ME-8-36-a	Repairs to Steel Stool	Nos	500
R3-ME-8-36-b	Repairs to Screen Stand /Oxygen Cylinder stand/cloth Drying stand	Nos	669
R3-ME-8-36-c	Repairs to Wheel Chair.	Nos	1695
R3-ME-8-36-d	Repairs to I. V. Stand / Saline stand	Nos	449
R3-ME-8-36-e	Repairs to Patient / Instrument Trolley and Medicine Trolley	Nos	2331
R3-ME-8-36-f	Repairs to Patient Cot.	Nos	1703
R3-ME-8-36-g	Repairs to Bedside Locker.(Major repairs)	Nos	1319
R3-ME-8-36-h	Repairs to Bedside Locker.(Minor repairs)	Nos	1280
R3-ME-8-36-i	Repairs to Poison /Medicine Cupboard (Major)	Nos	3267
R3-ME-8-36-j	Repairs to Poison /Medicine Cupboard (Minor)	Nos	2364
R3-ME-8-36-k	Repairs to Steel Rack ( 4-6 shelves )	Nos	1331
R3-ME-8-36-l	Repairs to Filing Cabinet	Nos	2072
R3-ME-8-36-m	Repairs to Craddles	Nos	801
R3-ME-8-36-n	Repair of Dressing table	Nos	792
R3-ME-8-36-o	Repair of Curtain stand	Nos	449
R3-ME-8-36-p	Repairs to Dressing drum	Nos	962
R3-ME-8-36-q	Repair of Dental chair	Nos	4127
R3-ME-8-36-r	Repair of Operation Table	Nos	3381
R3-ME-8-36-s	Repair of Instrument sterilisers	Nos	4047



R3-ME-8-36-t	Repair of Bowl Sterlisers	Nos	2072
<b>R3-ME-8-37</b>	<b>Repair of Auto clave</b>		
R3-ME-8-37-a	Repair of Horizontal Auto clave 9 Watt	Nos	805
R3-ME-8-37-b	Repair of Horizontal Auto clave 11 Watt	Nos	869
R3-ME-8-37-c	Repair of Horizontal Auto clave 36 Watt	Nos	1212
R3-ME-8-37-d	Repair of Mobile OT lamp	Nos	542
R3-ME-8-37-e	Repair of Ceiling type OT lamp	Nos	466
R3-ME-8-37-f	Repair of Anesthesia Machine (MK-1) / Boyle's apparatus	Nos	1814
R3-ME-8-37-g	Repair of Fumigation machine	Nos	1648
<b>R3-ME-8-38</b>	<b>Repair of Office Equipments</b>		
R3-ME-8-38-a	Repair of Rolling shutters GI	Nos	2356
R3-ME-8-38-b	Repair of Collapsible gates MS	Nos	1568
R3-ME-8-38-c	Repair of Window grills	Nos	911
R3-ME-8-38-d	Repair of Chairs (all types)	Nos	1144
<b>R3-ME-8-39</b>	<b>Removal of Play Apparatus</b>		
R3-ME-8-39-a	Removal of Play Apparatus (Large Size)	Job	4508
R3-ME-8-39-b	Removal of Play Apparatus (Medium Size)	Job	3870
R3-ME-8-39-c	Removal of Play Apparatus (Small Size)	Job	3115
R3-ME-8-40	Floor coating 2.5 mm thickness	Sqf	828
R3-ME-8-41	Floor coating 3 mm thickness	Sqf	1076

<b>GROUP I - AIR CONDITIONING (HVAC SYSTEM)</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>AC</b>	<b>AIR CONDITIONING HVAC SYSTEM (SP-ME-TS-63) SUPPLY, INSTALLATION, TESTING &amp; COMMISSIONING OF AIR CONDITIONING EQUIPMENTS / UNITS AND ALLIED WORKS</b>		
<b>R3-ME-9-1</b>	<b>Window model Air Conditioning units conforming to IS. and additional parameter as given suitable for operation on 230 V +/- 10% n 50 Hz single phase AC supply capable of performing following functions, 1) Cooling 2) Dehumidifying 3) Air circulating 4) Filtering 5) Ventilation. Compressor operating on Refrigerant R-407c/ R-410A Non CFC / R134a environment friendly refrigerant</b>		
R3-ME-9-1-a	Nominal Cooling Capacity Kcal / Hr.: 3024 (1.0 TR ), Max. power consumption (Watts) : 1300, Min. Cooling capacity (Kcal /Hr ): 3000 , Min. Room Discharge Air flow (Cu m / Hr.): 500, Type :- Energy Efficient.	Nos	36598
R3-ME-9-1-b	Nominal Cooling Capacity Kcal / Hr. : 4500 (1.5 TR ), Max. power consumption (Watts) : 2000, Min. Cooling capacity (Kcal /Hr ): 4275 , Min. Room Discharge Air flow (Cu m / Hr.): 700, Type :- Energy Efficient.	Nos	42932
R3-ME-9-1-c	Nominal Cooling Capacity Kcal / Hr. : 6050 ( 2.0 TR ), Max. power consumption (Watts) : 2450, Min. Cooling capacity (Kcal /Hr ):5500, Min. Room Discharge Air flow (Cu m / Hr.): 800, Type :- Energy Efficient.	Nos	50814
<b>R3-ME-9-2</b>	<b>Split type Air Conditioning fitted with Hermetically sealed Rotary Compressors operating on Refrigerant R-407c/ R-410A Non CFC / R-134a environment friendly refrigerant, suitable for wall /ceiling mounting Conforming to IS (Except power Consumption Norms) suitable for operation on 230 V +/- 10% n 50 Hz, single phase AC supply capable of performing 1) Cooling 2) Dehumidifying 3) Air circulating 4) Filtering.</b>		
R3-ME-9-2-a	Nominal Capacity 1.0 TR (3024 Kcal / Hr. ( 1 indoor unit of 1.0 TR & 1 outdoor unit of 1.0 TR )	Nos	50955
R3-ME-9-2-b	Nominal Capacity 1.5 TR (4500 Kcal / Hr. ( 1 indoor unit of 1.5 TR & 1 outdoor unit of 1.5 TR )	Nos	61794
R3-ME-9-2-c	Nominal Capacity 2.0 TR (6050 Kcal / Hr. ( 1 indoor unit of 2.0 TR & 1 outdoor unit of 2.0 TR )	Nos	67706

R3-ME-9-2-d	Nominal Capacity 2.5 TR Mega Split AC ( 1 indoor unit of 2.5 TR each & 1 outdoor unit of 2.5 TR.)	Nos	84878
R3-ME-9-2-e	Nominal Capacity 3.0 TR Mega Split AC ( 1 indoor unit of 3 TR each & 1 outdoor unit of 3 TR.)	Nos	98532
R3-ME-9-2-f	Providing & fixing of Boxing to cover refrigeration piping, cabling etc.	Mtr	422
R3-ME-9-2-g	Providing & fixing of platform and M.S. Railing for Outdoor units of Split AC to facilitate smooth access to technician to safely carry out maintenance .	Job	12668
R3-ME-9-2-h	Providing & fixing of M.S.Cage / encloser for 1.0 TR/ 1.5 TR, 2 TR window A.C. & 1.0 TR/ 1.5 TR/2.0 TR Split A.C Units..	Nos	10979
R3-ME-9-2-i	Providing & fixing of M.S.Cage / encloser for 2.5 / 3.0 TR Mega/Multi split A.C. Units.	Nos	14498
R3-ME-9-2-j	Providing & fixing of Refrigerant piping including electrical cabling & earthing as per specification.	MTR	1760
R3-ME-9-2-k	Providing & fixing of Drain piping as per specification.	MTR	296
R3-ME-9-2-l	Providing & fixing of Weather shed for split A.C./ cassette AC 1.0 TR / 1.5 TR / 2.0 TR units.	Nos	4223
R3-ME-9-2-m	Providing & fixing of Weather shed for split A.C. / cassette AC 2.5 TR / 3.0 TR / 4.0 TR units.	Nos	5630
R3-ME-9-2-n	SITC of Drain pump for Split AC	Nos	13372
	<b>Inverter Hi-wall Split type Air Conditioning fitted with Hermetically sealed Inverter Compressors operating on Refrigerant R-407c/ R-410A Non CFC / R-134a environment friendly refrigerant, suitable for wall mounting Conforming to IS (Except power Consumption Norms) suitable for operation on 230 V +/- 10% n 50 Hz, single phase AC supply capable of performing 1) Cooling 2) Dehumidifying 3) Air circulating 4) Filtering.</b>		
R3-ME-9-2-aa	Nominal Capacity 1.0 TR (3024 Kcal / Hr. ( 1 indoor unit of 1.0 TR & 1 outdoor unit of 1.0 TR )	Nos	55600
R3-ME-9-2-ab	Nominal Capacity 1.5 TR (4500 Kcal / Hr. ( 1 indoor unit of 1.5 TR & 1 outdoor unit of 1.5 TR )	Nos	66861
R3-ME-9-2-ac	Nominal Capacity 2.0 TR (6050 Kcal / Hr. ( 1 indoor unit of 2.0 TR & 1 outdoor unit of 2.0 TR )	Nos	73899
<b>R3-ME-9-3</b>	<b>CASSETTE TYPE A/C UNIT WITH OUTDOOR &amp; INDOOR UNIT</b>		
R3-ME-9-3-a	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 1.5 TR	Nos	88679
R3-ME-9-3-b	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 2.0 TR	Nos	104585
R3-ME-9-3-c	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 3.0 TR	Nos	139352

R3-ME-9-3-d	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 4.0 TR	Nos	160466
	<b>INVERTER CASSETTE TYPE A/C UNIT WITH OUTDOOR &amp; INDOOR UNIT</b>		
R3-ME-9-3-aa	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 1.5 TR	Nos	119646
R3-ME-9-3-ab	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 2.0 TR	Nos	143786
R3-ME-9-3-ac	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 3.0 TR	Nos	162690
R3-ME-9-3-ad	CASSETTE TYPE A/C UNIT WITH OUTDOOR & INDOOR UNIT Nominal Capacity 4.0 TR	Nos	182284
<b>R3-ME-9-4</b>	<b>AIR COOLED DUCTED TYPE A/C UNIT</b>		
R3-ME-9-4-a	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 3.0 TR	Nos	137945
R3-ME-9-4-b	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 4.3 TR	Nos	133581
R3-ME-9-4-c	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 5.5 TR	Nos	168208
R3-ME-9-4-d	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 8.5 TR	Nos	254072
R3-ME-9-4-e	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 8.75 TR	Nos	281970
R3-ME-9-4-f	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 11 TR- Single Ckt	Nos	303619
R3-ME-9-4-g	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 11 TR Double Ckt	Nos	317273
R3-ME-9-4-h	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 17 TR Double Ckt	Nos	378644
R3-ME-9-4-i	AIR COOLED DUCTED TYPE A/C UNIT Nominal Capacity 22.0 TR	Nos	513774
	<b>INVERTER AIR COOLED DUCTED TYPE A/C UNIT</b>		
R3-ME-9-4-aa	AIR COOLED INVERTER DUCTED TYPE A/C UNIT Nominal Capacity 5 TR	Nos	254072
R3-ME-9-4-ab	AIR COOLED INVERTER DUCTED TYPE A/C UNIT Nominal Capacity 8 TR	Nos	292060
R3-ME-9-4-ac	AIR COOLED INVERTER DUCTED TYPE A/C UNIT Nominal Capacity 11 TR	Nos	398351
R3-ME-9-4-ad	AIR COOLED INVERTER DUCTED TYPE A/C UNIT Nominal Capacity 16 TR	Nos	499601
R3-ME-9-4-ae	AIR COOLED INVERTER DUCTED TYPE A/C UNIT Nominal Capacity 22 TR	Nos	628191
<b>R3-ME-9-5</b>	<b>AIR COOLED PACKAGED TYPE A/C UNIT</b>		
R3-ME-9-5-a	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 5.5 TR	Nos	202694
R3-ME-9-5-b	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 8.5 TR	Nos	298904

R3-ME-9-5-c	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 8.75 TR	Nos	308264
R3-ME-9-5-d	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 11 TR- Single Ckt	Nos	336839
R3-ME-9-5-e	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 11 TR Double Ckt	Nos	344862
R3-ME-9-5-f	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 16.5TR	Nos	500824
R3-ME-9-5-g	AIR COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 22.0 TR	Nos	536999
	<b>AIR COOLED INVERTER PACKAGED TYPE A/C UNIT</b>		
R3-ME-9-5-aa	AIR COOLED INVERTER PACKAGED TYPE A/C UNIT Nominal Capacity 5 TR	Nos	302634
R3-ME-9-5-ab	AIR COOLED INVERTER PACKAGED TYPE A/C UNIT Nominal Capacity 8 TR	Nos	335009
R3-ME-9-5-ac	AIR COOLED INVERTER PACKAGED TYPE A/C UNIT Nominal Capacity 11 TR	Nos	429318
R3-ME-9-5-ad	AIR COOLED INVERTER PACKAGED TYPE A/C UNIT Nominal Capacity 16.5 TR	Nos	575145
R3-ME-9-5-ae	AIR COOLED INVERTER PACKAGED TYPE A/C UNIT Nominal Capacity 22 TR	Nos	664246
<b>R3-ME-9-6</b>	<b>WATER COOLED PACKAGED TYPE A/C UNIT</b>		
R3-ME-9-6-a	WATER COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 5.5 TR	Nos	192803
R3-ME-9-6-b	WATER COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 11 TR Double Ckt	Nos	337120
R3-ME-9-6-c	WATER COOLED PACKAGED TYPE A/C UNIT Nominal Capacity 16.5TR	Nos	517636
<b>R3-ME-9-7</b>	<b>VRF / VRV AC EQUIPMENTS: SITC of Capacity (R-410A /R-407c or eco-friendly Refrigerant) Air Cooled type OUTDOOR UNITS of VRF system having hermetically sealed scroll inverter compressor, condenser coil fabricated from Seamless Copper tube &amp; Plate type Al. Fins of Multi Row, Axial Flow, upward throw condenser fan, Condenser fan - motor unit, insulated refrigeration piping, power / control wiring, and earthing, external wiring between Indoor &amp; Outdoor units, all system controls-safety. Each Outdoor units with High Pressure switch, Fan driver overload protector, Over current relay, Inverter Overload Protector &amp; Fusible Plug. The unit shall be suitable for 415 ± 10 % volts, 50 Hz, 3 phase AC supply, and IP 55 protection. The out door unit shall be installed on M.S. platform duly painted, as per specifications.</b>		

R3-ME-9-7-a	VRF / VRV AC EQUIPMENTS 8 HP	Nos	387090
R3-ME-9-7-b	VRF / VRV AC EQUIPMENTS 10 HP	Nos	401166
R3-ME-9-7-c	VRF / VRV AC EQUIPMENTS 12 HP	Nos	423688
R3-ME-9-7-d	VRF / VRV AC EQUIPMENTS 14 HP	Nos	527850
R3-ME-9-7-e	VRF / VRV AC EQUIPMENTS 16 HP	Nos	587673
R3-ME-9-7-f	VRF / VRV AC EQUIPMENTS 18 HP	Nos	696762
R3-ME-9-7-g	VRF / VRV AC EQUIPMENTS 20 HP	Nos	730544
R3-ME-9-7-h	VRF / VRV AC EQUIPMENTS 22 HP	Nos	753066
R3-ME-9-7-i	VRF / VRV AC EQUIPMENTS 24 HP	Nos	855821
R3-ME-9-7-j	VRF / VRV AC EQUIPMENTS 26 HP	Nos	893826
R3-ME-9-7-k	VRF / VRV AC EQUIPMENTS 28 HP	Nos	938869
R3-ME-9-7-l	Supply Installation Testing & commissioning AHU Controller / distribution kit of suitable capacity for connecting multi VRF ODU to DX AHU, with a) built in auto restart function, c) with necessary electrical wiring & remote controller.	Nos	73617
R3-ME-9-7-m	SITC of Seamless heavy gauge REFRIGERATION COPPER PIPING for VRF/ VRV system in 18 gauge, duly insulated with 13 mm/19 mm thickness. Nitrile Rubber Insulation. Refrigeration piping will have to be taken in the piping rack / Support individually connecting to Indoor units, including necessary supports, fittings, valves, Cable tray for exposed piping where ever required will be included.. The pipe sizes from 1/4 " to 1" .(13 mm insulation) and 1-1/8 " to 2"(19 mm insulation) shall be used.	MTR	4082
R3-ME-9-7-n	Supply, Installation, Testing and Commissioning of Refnets as specified of pipe sizes from 1/4 " to 2"	Nos	12457
R3-ME-9-7-o	Supply, Installation, Testing and Commissioning of Central remote controller must be integrable with the VRV/VRF system Complete operation & monitoring of VRV air conditioning system shall be possible through the control system.Following functions shall be possible i.) Controlling indoor units ii.) Zone control iii.) Malfunction code display iv.) All the functions available with wired remote controller v.) It should be possible to wire the remote to 1000m vi.) Remote start / stop of indoor units vii.) Mal function report. viii.) Colour LCD touch panel icon display ix.) Fault History up to 100 actions. x.) Simple Interlock Function xi.) Fire Alarm System interface Required hardware shall be suitable for operation between -10 Deg C to 50 Dg C & humidity range, of 0% to 98%, without condensation.	Nos	137945
R3-ME-9-7-p	2C X 1 sqmm Communication shielded Cable	Mtr	310
<b>R3-ME-9-8</b>	<b>Indoor Units :- Ductable for VRF</b>		
R3-ME-9-8-a	Indoor Units :- Ductable for VRF 2 TR Ceiling Mounted duct type	Nos	39272

R3-ME-9-8-b	Indoor Units :- Ductable for VRF 2.5 TR Ceiling Mounted duct type	Nos	47155
R3-ME-9-8-c	Indoor Units :- Ductable for VRF 3 TR Ceiling Mounted duct type	Nos	49548
R3-ME-9-8-d	Indoor Units :- Ductable for VRF 4 TR Ceiling Mounted duct type	Nos	59260
R3-ME-9-8-e	Indoor Units :- Ductable for VRF 5 TR Ceiling Mounted duct type	Nos	78966
R3-ME-9-8-f	Indoor Units :- Ductable for VRF 6 TR Ceiling Mounted duct type	Nos	91494
R3-ME-9-8-g	Indoor Units :- Ductable for VRF 8 TR Ceiling Mounted duct type	Nos	103459
R3-ME-9-8-h	Indoor Units :- Ductable for VRF 11 TR Ceiling Mounted duct type	Nos	138930
<b>R3-ME-9-9</b>	<b>Indoor Units :-Concealed split type units for VRF</b>		
R3-ME-9-9-a	Indoor Units :-Concealed split type units for VRF 1 TR Ceiling Mounted duct type	Nos	38287
R3-ME-9-9-b	Indoor Units :-Concealed split type units for VRF 2 TR Ceiling Mounted duct type	Nos	39413
<b>R3-ME-9-10</b>	<b>Indoor Units :- Large cassette type for VRF</b>		
R3-ME-9-10-a	Indoor Units :- Large cassette type for VRF 1.3 TR Four way Cassette Type	Nos	53067
R3-ME-9-10-b	Indoor Units :- Large cassette type for VRF 1.5 TR Four way Cassette Type	Nos	57571
R3-ME-9-10-c	Indoor Units :- Large cassette type for VRF 2.0 TR Four way Cassette Type	Nos	59260
R3-ME-9-10-d	Indoor Units :- Large cassette type for VRF 2.5 TR Four way Cassette Type	Nos	60105
R3-ME-9-10-e	Indoor Units :- Large cassette type for VRF 2.8 TR Four way Cassette Type	Nos	61794
R3-ME-9-10-f	Indoor Units :- Large cassette type for VRF 3 TR Four way Cassette Type	Nos	62075
R3-ME-9-10-g	Indoor Units :- Large cassette type for VRF 4 TR Four way Cassette Type	Nos	63905
R3-ME-9-10-h	Indoor Units :- Large cassette type for VRF 5 TR Four way Cassette Type	Nos	85723
<b>R3-ME-9-11</b>	<b>Indoor Units :- Compact cassette type for VRF</b>		
R3-ME-9-11-a	Indoor Units :- Compact cassette type for VRF 0.8 TR Four way Cassette Type	Nos	46141
R3-ME-9-11-b	Indoor Units :- Compact cassette type for VRF 1 TR Four way Cassette Type	Nos	48773

R3-ME-9-11-c	Indoor Units :- Compact cassette type for VRF 1.3 TR Four way Cassette Type	Nos	50631
R3-ME-9-11-d	Indoor Units :- Compact cassette type for VRF 1.5 TR Four way Cassette Type	Nos	51251
<b>R3-ME-9-12</b>	<b>Indoor Units :- Hi-Wall unit for VRF</b>		
R3-ME-9-12-a	Indoor Units :- Hi-Wall unit for VRF 0.8 TR Hi-Wall unit	Nos	27870
R3-ME-9-12-b	Indoor Units :- Hi-Wall unit for VRF 1.0 TR Hi-Wall unit	Nos	28011
R3-ME-9-12-c	Indoor Units :- Hi-Wall unit for VRF 1.3 TR Hi-Wall unit	Nos	30404
R3-ME-9-12-d	Indoor Units :- Hi-Wall unit for VRF 1.5 TR Hi-Wall unit	Nos	30826
R3-ME-9-12-e	Indoor Units :- Hi-Wall unit for VRF 1.7 TR Hi-Wall unit	Nos	33642
R3-ME-9-12-f	Indoor Units :- Hi-Wall unit for VRF 2.0 TR Hi-Wall unit	Nos	33923
R3-ME-9-12-g	Indoor Units :- Hi-Wall unit for VRF 2.5 TR Hi-Wall unit	Nos	49407
R3-ME-9-12-h	Indoor Units :- Hi-Wall unit for VRF 2.8 TR Hi-Wall unit	Nos	52503
<b>R3-ME-9-13</b>	<b>CENTRALISED AC EQUIPMENTS</b>		
R3-ME-9-13-a	Chilled Water FAN COIL UNITS 1.0 TR with controller	Nos	28082
R3-ME-9-13-b	Chilled Water FAN COIL UNITS 1.5 TR with controller	Nos	29771
R3-ME-9-13-c	Chilled Water FAN COIL UNITS 2.0 TR with controller	Nos	45254
R3-ME-9-13-d	Chilled Water FAN COIL UNITS 2.5 TR with controller	Nos	57993
R3-ME-9-13-e	Chilled Water FAN COIL UNITS 3.0 TR with controller	Nos	66157
<b>R3-ME-9-14</b>	<b>DX TYPE PRECISION AC UNITS type precision AC units: Unit shall have EC motor &amp; fixed scroll compressor with following capacity, working on return air, bottom discharge type, double skin, side panels with insulation of 25 mm of rockwool with eco friendly refrigerent, backward curved plug fan, IP-54 motor, copper cooling coil with heater &amp; humidifier, washable HDFE filters and remote controller.</b>		
R3-ME-9-14-a	18 TR	Nos	1695436
R3-ME-9-14-b	26 TR	Nos	2125476
<b>R3-ME-9-15</b>	<b>TOWER AC UNITS</b>		
R3-ME-9-15-a	2 TR	Nos	97124
R3-ME-9-15-b	3 TR	Nos	119646
R3-ME-9-15-c	4 TR	Nos	150191
R3-ME-9-15-d	Supply and fixing of M.S. stand & Bracket for fixing of indoor & outdoor of 2/3 TR Tower AC.	Nos	10557
R3-ME-9-15-e	SITC of refrigerant piping ¾" & 3/8" for 2/3/4 TR Tower AC Units	Nos	1971
<b>R3-ME-9-16</b>	<b>Water Coolers (Nominal Cooling capacity/ Storage capacity)</b>		
R3-ME-9-16-a	Water Coolers 20 litre per hour/ 40 litre	Nos	41524
R3-ME-9-16-b	Water Coolers 40 litre per hour/ 80 litre	Nos	53489
R3-ME-9-16-c	Water Coolers 150 litre per hour/ 150 litre	Nos	78826
<b>R3-ME-9-17</b>	<b>Refrigerators</b>		



R3-ME-9-17-a	Supply & installation of Refrigerator of capacity 180-200 lit of reputed make minimum 2 & above Star rating	Nos	21114
R3-ME-9-17-b	Supply & installation of Refrigerator of capacity 250-270 lit of reputed make with minimum 2 & above Star rating	Nos	33501
R3-ME-9-17-c	Supply & installation of Refrigerator of capacity 290-310 Lit of reputed make with minimum 2 & above Star rating	Nos	45043
<b>R3-ME-9-18</b>	<b>Deep Freezers</b>		
R3-ME-9-18-a	SITC of Deep Freezer (0°C to-20°C) 250-280 Ltr.	Nos	224231
R3-ME-9-18-b	SITC of Deep Freezer (0°C to-20°C) 400-475 Ltr.	Nos	406937
R3-ME-9-18-c	SITC of Deep Freezer (-20°C to-40°C) 250-280 Ltr.	Nos	249145
R3-ME-9-18-d	SITC of Deep Freezer (-20°C to-40°C) 400-475 Ltr	Nos	431852
R3-ME-9-18-e	SITC of Deep Freezer (-40°C to-80°C) 90 - 120 Ltr	Nos	697607
R3-ME-9-18-f	SITC of Deep Freezer (-40°C to-80°C) 200-250 Ltr	Nos	722521
R3-ME-9-18-g	SITC of Deep Freezer (-40°C to-80°C) 350-400 Ltr	Nos	988276
R3-ME-9-18-h	SITC of Deep Freezer (-40°C to-80°C) 500-550 Ltr	Nos	1023156
R3-ME-9-18-i	SITC of Deep Freezer (-40°C to-80°C) 750 - 800 Ltr	Nos	1096239
<b>R3-ME-9-19</b>	<b>Medical Refrigerator / Lab refrigerator</b>		
R3-ME-9-19-a	SITC of Lab Refrigerator (2°C to 8°C), Capacity 500 - 550 Ltrs.	Nos	249145
<b>R3-ME-9-20</b>	<b>Walk in cooler Refrigeration Unit</b>		
R3-ME-9-20-a	Capacity - 6000 BTU/HR	Nos	204102
R3-ME-9-20-b	Capacity - 10000 BTU/HR	Nos	337824
R3-ME-9-20-c	Capacity - 15000 BTU/HR	Nos	506736
R3-ME-9-20-d	Capacity - 20000 BTU/HR	Nos	675648
<b>R3-ME-9-21</b>	<b>SITC of floor mounted chilled water double skin air handling unit construction, 25 mm thick insulated PUF panels, IP 55 TEFC IE2 motors, DIDW fan or PLUG Fan with VFD, chilled water cooling coil, Insulated drain pan, Pre-filter section, vibration isolators, canvas connections, with Frame Work etc of following capacity:</b>		
R3-ME-9-21-a	2000 - 3000 CFM 4rows	Nos	543573
R3-ME-9-21-b	2000 - 3000 CFM 6rows	Nos	577116
R3-ME-9-21-c	2000 - 3000 CFM 8rows	Nos	632132
R3-ME-9-21-d	3000 - 4000 CFM 4Rows	Nos	605268
R3-ME-9-21-e	3000 - 4000 CFM 6Rows	Nos	682686
R3-ME-9-21-f	3000 - 4000 CFM 8Rows	Nos	793183
R3-ME-9-21-g	4000 - 5000 CFM 4Rows	Nos	683390
R3-ME-9-21-h	4000 - 5000 CFM 6Rows	Nos	817816
R3-ME-9-21-i	4000 - 5000 CFM 8Rows	Nos	897345
R3-ME-9-21-j	5000 - 6000 CFM 4Rows	Nos	817816
R3-ME-9-21-k	5000 - 6000 CFM 6Rows	Nos	912829
R3-ME-9-21-l	5000 - 6000 CFM 8Rows	Nos	1001156
R3-ME-9-21-m	6000 - 7000 CFM 4Rows	Nos	909098

R3-ME-9-21-n	6000 - 7000 CFM 6Rows	Nos	1050886
R3-ME-9-21-o	6000 - 7000 CFM 8Rows	Nos	1140156
R3-ME-9-21-p	7000 - 8000 CFM 4Rows	Nos	942881
R3-ME-9-21-q	7000 - 8000 CFM 6Rows	Nos	1085541
R3-ME-9-21-r	7000 - 8000 CFM 8Rows	Nos	1182384
R3-ME-9-21-s	8000 - 9000 CFM 4Rows	Nos	983244
R3-ME-9-21-t	8000 - 9000 CFM 6Rows	Nos	1121857
R3-ME-9-21-u	8000 - 9000 CFM 8Rows	Nos	1210536
R3-ME-9-21-v	9000 - 10000 CFM 4Rows	Nos	1052885
R3-ME-9-21-w	9000 - 10000 CFM 6Rows	Nos	1168660
R3-ME-9-21-x	9000 - 10000 CFM 8Rows	Nos	1335109
R3-ME-9-21-y	10000 - 12000 CFM 4Rows	Nos	1089271
R3-ME-9-21-z	10000 - 12000 CFM 6Rows	Nos	1205398
R3-ME-9-21-aa	10000 - 12000 CFM 8Rows	Nos	1370299
R3-ME-9-21-ab	12000 - 14000 CFM 4Rows	Nos	1137011
R3-ME-9-21-ac	12000 - 14000 CFM 6Rows	Nos	1265432
R3-ME-9-21-ad	12000 - 14000 CFM 8Rows	Nos	1429418
R3-ME-9-21-ae	14000 - 16000 CFM 4Rows	Nos	1307016
R3-ME-9-21-af	14000 - 16000 CFM 6Rows	Nos	1438328
R3-ME-9-21-ag	14000 - 16000 CFM 8Rows	Nos	1624370
R3-ME-9-21-ah	16000 - 18000 CFM 4Rows	Nos	1342850
R3-ME-9-21-ai	16000 - 18000 CFM 6Rows	Nos	1475165
R3-ME-9-21-aj	16000 - 18000 CFM 8Rows	Nos	1653930
R3-ME-9-21-ak	18000 - 20000 CFM 4Rows	Nos	1376633
R3-ME-9-21-al	18000 - 20000 CFM 6Rows	Nos	1509651
R3-ME-9-21-am	18000 - 20000 CFM 8Rows	Nos	1696158
R3-ME-9-21-an	20000 - 22000 CFM 4Rows	Nos	1431529
R3-ME-9-21-ao	20000 - 22000 CFM 6Rows	Nos	1597415
R3-ME-9-21-ap	20000 - 22000 CFM 8Rows	Nos	1988235
R3-ME-9-21-aq	22000 - 25000 CFM 4Rows	Nos	1492056
R3-ME-9-21-ar	22000 - 25000 CFM 6Rows	Nos	1653226
R3-ME-9-21-as	22000 - 25000 CFM 8Rows	Nos	2047776

R3-ME-9-22	SITC of Ceiling Suspended Chilled water double skin Air Handling Unit of mentioned capacities below: Specifications : Unit shall have Double Skin wall panels, 40 mm thick sandwich PUF injected panels. Outer skin shall be 0.6 mm pre painted sheet with 275 GSM Zn coating. Inner sheet shall be 0.6 mm GSS, Complete with Glass view panel, marine light, limit switch, cable entry, GSS base frame. Screw less construction with zero leakage in the panel joints. Chilled water Coil - 6RD/8RD water cooled coil. Cooling coil shall have 12.5 to 15 mm dia (O.D) tubes minimum 0.35 mm thick with sine wave aluminium fins firmly bonded to copper tubes assembled in zinc coated steel frame with SS Drain tray. Direct Driven Backward / Forward Curved Plug Fans with VFD, with Squirrel cage IE2 induction motor, Motor shall be suitable for operation of Variable Frequency Drive operation with 415±10% volts, 3 phase AC supply included with VFD. Each unit shall be provided with a factory assembled filter section containing pre filters( EU-4) filters. Filter bank framework shall be fully sealed and constructed from GSS.		
R3-ME-9-22-a	1000 - 2000 CFM	Nos	304042
R3-ME-9-22-b	2000 - 3000 CFM	Nos	405389
R3-ME-9-22-c	3000 - 4000 CFM	Nos	503921
R3-ME-9-22-d	4000 - 5000 CFM	Nos	609491
R3-ME-9-22-e	5000 - 6000 CFM	Nos	681278
R3-ME-9-22-f	6000 - 7000 CFM	Nos	738990
R3-ME-9-22-g	7000 - 8000 CFM	Nos	809370
R3-ME-9-22-h	8000 - 9000 CFM	Nos	907902
R3-ME-9-22-i	9000 - 10000 CFM	Nos	1013472
R3-ME-9-22-j	10000 - 12000 CFM	Nos	1193645

R3-ME-9-23	SITC of DX double skin Air Handling Unit working on 100% fresh air of mentioned capacities below: Specifications : Unit shall have Double Skin wall panels, 40 mm thick sandwich PUF injected panels. Outer skin shall be 0.6 mm pre painted sheet with 275 GSM Zn coating. Inner sheet shall be 0.6 mm GSS, Complete with Glass view panel, marine light, limit switch, cable entry, GSS base frame. Screw less construction with zero leakage in the panel joints. DX Coil - 6RD/8RD air cooled DX coil. DX coil shall have 12.5 to 15 mm dia (O.D) tubes minimum 0.35 mm thick with sine wave aluminium fins firmly bonded to copper tubes assembled in zinc coated steel frame with SS Drain tray. Direct Driven Backward / Forward Curved Plug Fans with VFD, with Squirrel cage IE2 induction motor, Motor shall be suitable for operation of Variable Frequency Drive operation with 415±10% volts, 3 phase AC supply included with VFD. Each unit shall be provided with a factory assembled filter section containing pre filters( EU-4) filters. Filter bank framework shall be fully sealed and constructed from GSS.		
R3-ME-9-23-a	1000 - 2000 CFM	Nos	677056
R3-ME-9-23-b	2000 - 3000 CFM	Nos	743635
R3-ME-9-23-c	3000 - 4000 CFM	Nos	853006
R3-ME-9-23-d	4000 - 5000 CFM	Nos	994469
R3-ME-9-23-e	5000 - 6000 CFM	Nos	1112004
R3-ME-9-23-f	6000 - 7000 CFM	Nos	1233058
R3-ME-9-23-g	7000 - 8000 CFM	Nos	1442790
R3-ME-9-23-h	8000 - 9000 CFM	Nos	1492056
R3-ME-9-23-i	9000 - 10000 CFM	Nos	1646892
R3-ME-9-23-j	10000 - 12000 CFM	Nos	1773576
R3-ME-9-23-k	12000 - 14000 CFM	Nos	1872108
R3-ME-9-23-l	14000 - 16000 CFM	Nos	2604060
R3-ME-9-23-m	16000 - 18000 CFM	Nos	3110796
R3-ME-9-23-n	18000 - 20000 CFM	Nos	3483810
R3-ME-9-24	Dismantling & removing the existing false ceiling duratuff/ equivalent sheet alongwith diffuser grill and refix the same after cleaning	Sqm	346
R3-ME-9-25	Replacement of existing damaged false ceiling sheet by new false ceiling duratuff/ equivalent sheet.	Sqm	2006
R3-ME-9-26	Supply and Installation of false ceiling of medium density fiber board along with grid work.	Sqm	4130
R3-ME-9-27	Replacement of existing damaged false ceiling sheet by new false ceiling of medium density fiber board.	Sqm	4248

R3-ME-9-28	Supply & Installation of aluminum false ceiling sheets along with grid work	Sqm	4703
R3-ME-9-29	Replacement of existing damaged false ceiling by new aluminum false ceiling sheets along with grid work	Sqm	4824
R3-ME-9-30	Supply & Installation of false ceiling of Bakelite sheets along with grid work.	Sqm	4382
R3-ME-9-31	Replacement of existing damaged false ceiling by dismantling & removing the existing damaged false ceiling along with grid and providing the new false ceiling of Bakelite sheets.	Sqm	4551
R3-ME-9-32	Replacement of damaged aluminum ceiling by dismantling & removing the existing ceiling along with carrier and providing the new aluminum linear metal ceiling	Sqm	5487
R3-ME-9-33	Supply & Installation of gypsum false ceiling	Sqm	4012
R3-ME-9-34	Removing the existing worn out glass wool bags on the false ceiling by dismantling & removing the existing false ceiling & installing new glass wool bags on the false ceiling.	Sqm	1113
R3-ME-9-35	Supply and installation of volume control dampers, bypass dampers.	Sqm	14350
R3-ME-9-36	Providing fresh air damper with cowl piece, bird screen and removable type prefilters	Sqm	16410
R3-ME-9-37	Providing aluminium supply air diffusers & return air grills with volume control dampers	Sqm	18965
R3-ME-9-38	Replacement of existing damaged relief dampers by providing new gravity operate relief dampers with screen consisting of G.I. frame, aluminium louvers & G.I. wire mesh.	Sqm	15660
R3-ME-9-39	Replacement of the existing damaged/loosed glass wool insulation of ducting with new glass wool insulation	Sqm	1512
R3-ME-9-40	Replacement of the existing damaged/loosed thermal insulation of ducting with new 50 mm. thick TF quality thermocol wrapped with chicken wire mesh, covered with 12 mm thick cement plaster, finished with neeroo	Sqm	1558
R3-ME-9-41	Replacement of the existing damaged/loosed insulation of ducting & to carry out the new insulation with 50mm.thick Tf quality thermocole wrapped with 0.9mm.thick Aluminum foil	Sqm	1465
R3-ME-9-42	Providing thermal insulation to supply air ducting with 19mm.thickness nitrile rubber	Sqm	1837
R3-ME-9-43	Providing thermal insulation to return air ducting with 12mm.thickness nitrile rubber	Sqm	1727
R3-ME-9-44	Supply & fixing acoustic partition in the Plant room/AHU room	Sqm	4703

R3-ME-9-45	Replacement of existing damaged acoustic partition in the plant room	Sqm	4889
R3-ME-9-46	Repairs of existing damaged acoustic insulation in the plant room	Sqm	2448
R3-ME-9-47	Supply & fixing acoustic insulation in the Plant room/ AHU room	Sqm	3961
R3-ME-9-48	Replacement of existing damaged acoustic insulation in the plant room with new acoustic insulation	Sqm	4216
R3-ME-9-49	Supply & installation of under deck roof insulation with teak wood frame and 50mm thick TF quality themocol covered with foam sheet	Sqm	4838
R3-ME-9-50	Replacement of damaged under deck roof insulation with 50mm thick TF quality themocol and G.I. washer	Sqm	1316
R3-ME-9-51	To provide the screen arrangement to return air opening in the Plant room/ AHU rooms	Sqm	2393
<b>R3-ME-9-52</b>	<b>GSS Ducting:- Supplying fabrication installation testing and commissioning of GI. Sheet metal ducting. Zinc coated. Complete with all Standard Accessories, G.I.. Hardware, Self Adhesive elastomeric foam gasket, Support etc as per SMACNA specification.</b>		
R3-ME-9-52-a	GSS Ducting:- 20 SWG	Sqm	2083
R3-ME-9-52-b	GSS Ducting:- 22 SWG	Sqm	1986
R3-ME-9-52-c	GSS Ducting:- 24 SWG	Sqm	1799
<b>R3-ME-9-53</b>	<b>ALUMINUM DUCTING :-Supply fabrication installation testing and commissioning of Aluminum sheet metal ducting with:a) Sealants, b) Gaskets c) structural support systems d) nuts &amp; bolts, e) angles.f). Closed cell neoprene gaskets etc (20 SWG) Aluminum Sheet</b>		
R3-ME-9-53-a	ALUMINUM DUCTING 20 SWG	Sqm	2810
R3-ME-9-53-b	ALUMINUM DUCTING - 22 SWG	Sqm	2134
R3-ME-9-53-c	ALUMINUM DUCTING -24 SWG	Sqm	1916
R3-ME-9-54	Providing acoustic lining to the initial portion of supply air duct from inside of the ducting using fiber glass crown 300*25mm thick rigid board or equivalent insulation material covered with 24 gauge perforated aluminium foil.	Sqm	1444
<b>R3-ME-9-55</b>	<b>Replacement of damaged thermal insulation with new nitrile rubber with glass cloth to chilled water pipe line of the following size</b>		
R3-ME-9-55-a	Replacement of damaged thermal insulation-50 mm with 19mm thk nitrile rubber insulation	MTR	1206
R3-ME-9-55-b	Replacement of damaged thermal insulation- 65 mm with 19mm thk nitrile rubber insulation	MTR	1372

R3-ME-9-55-c	Replacement of damaged thermal insulation- 75 mm with 19mm thk nitrile rubber insulation	MTR	1555
R3-ME-9-55-d	Replacement of damaged thermal insulation- 100 mm with 38mm thk nitrile rubber insulation	MTR	1664
R3-ME-9-55-e	Replacement of damaged thermal insulation- 125 mm with 38mm thk nitrile rubber insulation	MTR	1830
R3-ME-9-55-f	Replacement of damaged thermal insulation- 150 mm with 38mm thk nitrile rubber insulation	MTR	1971
R3-ME-9-55-g	Replacement of damaged thermal insulation- 200 mm with 38mm thk nitrile rubber insulation	MTR	2266
<b>R3-ME-9-56</b>	<b>Supply installation of M.S. 'C' class chilled water pipe line/drain line along with supports to pipe line including necessary fittings such as tees, elbows, unions, bends, flanges, reducers, couplings etc. accessories and thermal insulation of thermocol</b>		
R3-ME-9-56-a	Supply installation of M.S. 'C' class chilled water pipe line/drain line 250 mm diameter	MTR	7670
R3-ME-9-56-b	Supply installation of M.S. 'C' class chilled water pipe line/drain line -200 mm diameter	MTR	7225
R3-ME-9-56-c	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 150 mm diameter	MTR	5871
R3-ME-9-56-d	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 125 mm diameter	MTR	4744
R3-ME-9-56-e	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 100 mm diameter	MTR	3850
R3-ME-9-56-f	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 75 mm diameter	MTR	3242
R3-ME-9-56-g	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 65 mm diameter	MTR	2736
R3-ME-9-56-h	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 50 mm diameter	MTR	2396
R3-ME-9-56-i	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 40 mm diameter	MTR	2097
R3-ME-9-56-j	Supply installation of M.S. 'C' class chilled water pipe line/drain line – 25 mm diameter	MTR	1695
<b>R3-ME-9-57</b>	<b>Supply installation of M.S. 'C' class chilled water pipe line/drain line along with accessories and thermal insulation of nitrile rubber with glass cloth</b>		
R3-ME-9-57-a	250 mm diameter with insulation of 38mm thk nitrile rubber insulation	MTR	8660
R3-ME-9-57-b	200 mm diameter with insulation of 38 mm thk nitrile rubber	MTR	7861

R3-ME-9-57-c	150 mm diameter with insulation of 38mm thk nitrile rubber insulation	MTR	6517
R3-ME-9-57-d	125 mm diameter with insulation of 38 mm thk nitrile rubber insulation	MTR	5395
R3-ME-9-57-e	100 mm diameter with insulation of 38 mm thk nitrile rubber insulation	MTR	4358
R3-ME-9-57-f	75 mm diameter with insulation of 19 mm thk nitrile rubber insulation	MTR	3636
R3-ME-9-57-g	65 mm diameter with insulation of 19 mm thk nitrile rubber insulation	MTR	3176
R3-ME-9-57-h	50 mm diameter with insulation of 19 mm thk nitrile rubber insulation	MTR	2784
R3-ME-9-57-i	40 mm diameter with insulation of 19 mm thk nitrile rubber insulation	MTR	2597
R3-ME-9-57-j	25 mm diameter with insulation of 32 mm thk nitrile rubber insulation	MTR	2109
	<b>Supply &amp; installation of following accessories on the chiller water pipe inlet outlet line duly insulated with 50mm thick thermocol</b>		
<b>R3-ME-9-58</b>	<b>Butterfly valves</b>		
R3-ME-9-58-a	Butterfly valves -250 mm diameter	Nos	30849
R3-ME-9-58-b	Butterfly valves – 200 mm diameter	Nos	25825
R3-ME-9-58-c	Butterfly valves – 150 mm diameter	Nos	20383
R3-ME-9-58-d	Butterfly valves -125 mm diameter	Nos	16453
R3-ME-9-58-e	Butterfly valves – 100 mm diameter	Nos	13630
R3-ME-9-58-f	Butterfly valves – 75 mm diameter	Nos	12377
R3-ME-9-58-g	Butterfly valves – 65 mm diameter	Nos	10964
R3-ME-9-58-h	Butterfly valves – 50 mm diameter	Nos	9703
R3-ME-9-58-i	Butterfly valves – 40 mm diameter	Nos	8205
R3-ME-9-58-j	Butterfly valves – 32 mm diameter	Nos	7711
R3-ME-9-58-k	Butterfly valves – 25 mm diameter	Nos	6793
<b>R3-ME-9-59</b>	<b>Ball valves</b>		
R3-ME-9-59-a	Ball valves 65 mm diameter	Nos	8993
R3-ME-9-59-b	Ball valves 50 mm diameter	Nos	7598
R3-ME-9-59-c	Ball valves 40 mm diameter	Nos	6405
R3-ME-9-59-d	Ball valves 25 mm diameter	Nos	5046
R3-ME-9-59-e	Ball valves 15 mm diameter	Nos	4244
<b>R3-ME-9-60</b>	<b>Non return valves</b>		
R3-ME-9-60-a	Non return valves – 250 mm diameter	Nos	53099
R3-ME-9-60-b	Non return valves – 200 mm diameter	Nos	46304
R3-ME-9-60-c	Non return valves – 150 mm diameter	Nos	27602
R3-ME-9-60-d	Non return valves – 125 mm diameter	Nos	25275



R3-ME-9-60-e	Non return valves – 100 mm diameter	Nos	23270
R3-ME-9-60-f	Non return valves – 75 mm diameter	Nos	18997
R3-ME-9-60-g	Non return valves – 65 mm diameter	Nos	16445
R3-ME-9-60-h	Non return valves – 50 mm diameter	Nos	12751
R3-ME-9-60-i	Non return valves – 40 mm diameter	Nos	11289
R3-ME-9-60-j	Non return valves – 25 mm diameter	Nos	8781
<b>R3-ME-9-61</b>	<b>Balancing valves</b>		
R3-ME-9-61-a	Balancing valves – 250 mm diameter	Nos	217101
R3-ME-9-61-b	Balancing valves –200 mm diameter	Nos	198824
R3-ME-9-61-c	Balancing valves –150 mm diameter	Nos	101853
R3-ME-9-61-d	Balancing valves –125 mm diameter	Nos	87775
R3-ME-9-61-e	Balancing valves –100 mm diameter	Nos	64116
R3-ME-9-61-f	Balancing valves –75 mm diameter	Nos	56093
R3-ME-9-61-g	Balancing valves –65 mm diameter	Nos	21838
R3-ME-9-61-h	Balancing valves –50 mm diameter	Nos	17947
R3-ME-9-61-i	Balancing valves –40 mm diameter	Nos	12457
R3-ME-9-61-j	Balancing valves –25 mm diameter	Nos	9513
<b>R3-ME-9-62</b>	<b>Y strainer</b>		
R3-ME-9-62-a	Y strainer-200 mm diameter	Nos	52996
R3-ME-9-62-b	Y strainer-150 mm diameter	Nos	36809
R3-ME-9-62-c	Y strainer-125 mm diameter	Nos	24915
R3-ME-9-62-d	Y strainer-100 mm diameter	Nos	22240
R3-ME-9-62-e	Y strainer-75 mm diameter	Nos	19706
R3-ME-9-62-f	Y strainer-65 mm diameter	Nos	16987
R3-ME-9-62-g	Y strainer-50 mm diameter	Nos	13731
R3-ME-9-62-h	Y strainer-40 mm diameter	Nos	10976
R3-ME-9-62-i	Y strainer-25 mm diameter	Nos	8448
R3-ME-9-62-j	Y strainer-19 mm diameter	Nos	8009
<b>R3-ME-9-63</b>	<b>Pot strainer</b>		
R3-ME-9-63-a	Pot strainer-250 mm diameter	Nos	65068
R3-ME-9-63-b	Pot strainer-200 mm diameter	Nos	57499
R3-ME-9-63-c	Pot strainer-150 mm diameter	Nos	40187
R3-ME-9-63-d	Pot strainer-125 mm diameter	Nos	31460
R3-ME-9-63-e	Pot strainer-100 mm diameter	Nos	25548
R3-ME-9-63-f	Pot strainer-75 mm diameter	Nos	22522
R3-ME-9-63-g	Pot strainer-65 mm diameter	Nos	19706
R3-ME-9-63-h	Pot strainer-50 mm diameter	Nos	16117
R3-ME-9-63-i	Pot strainer-40 mm diameter	Nos	13164
R3-ME-9-63-j	Pot strainer-25 mm diameter	Nos	9549
<b>R3-ME-9-64</b>	<b>Auto air vents</b>		
R3-ME-9-64-a	Auto air vents- 12 mm diameter auto air vents	Nos	2111

R3-ME-9-64-b	Auto air vents- 15 mm diameter auto air vents	Nos	3026
<b>R3-ME-9-65</b>	<b>Supply &amp; installation of G.I. class 'B' condenser pipeline, cooling tower sump filling water piping, supports to pipe line including necessary fitting such as tees, elbows, unions, bends, flanges, reducers, couplings etc. to colling tower, expansion tank, condenser unit, pump discharge line etc. with thermal insulation of thermocol</b>		
R3-ME-9-65-a	Supply & installation of G.I. class 'B' condenser pipeline,-250 mm diameter	MTR	5782
R3-ME-9-65-b	Supply & installation of G.I. class 'B' condenser pipeline,-200 mm diameter	MTR	5436
R3-ME-9-65-c	Supply & installation of G.I. class 'B' condenser pipeline,-150 mm diameter	MTR	4182
R3-ME-9-65-d	Supply & installation of G.I. class 'B' condenser pipeline,-125 mm diameter	MTR	3801
R3-ME-9-65-e	Supply & installation of G.I. class 'B' condenser pipeline,-100 mm diameter	MTR	3329
R3-ME-9-65-f	Supply & installation of G.I. class 'B' condenser pipeline,-75 mm diameter	MTR	2532
R3-ME-9-65-g	Supply & installation of G.I. class 'B' condenser pipeline,-65 mm diameter	MTR	2244
R3-ME-9-65-h	Supply & installation of G.I. class 'B' condenser pipeline,-50 mm diameter	MTR	1952
R3-ME-9-65-i	Supply & installation of G.I. class 'B' condenser pipeline,-40 mm diameter	MTR	1719
R3-ME-9-65-j	Supply & installation of G.I. class 'B' condenser pipeline,-25 mm diameter	MTR	1348
R3-ME-9-65-k	Supply & installation of G.I. class 'B' condenser pipeline,-15 mm diameter	MTR	1253
	<b>Supply &amp; installation of accessories on the Condenser water pipe line duly insulated with 50mm thick thermocol</b>		
<b>R3-ME-9-66</b>	<b>Butterfly valves</b>		
R3-ME-9-66-a	Supply & installation of Butterfly valves on the Condenser water pipe line -200 mm diameter	Nos	18399
R3-ME-9-66-b	Supply & installation of Butterfly valves on the Condenser water pipe line -150 mm diameter	Nos	14949
R3-ME-9-66-c	Supply & installation of Butterfly valves on the Condenser water pipe line -125 mm diameter	Nos	11621
R3-ME-9-66-d	Supply & installation of Butterfly valves on the Condenser water pipe line -100 mm diameter	Nos	10398
R3-ME-9-66-e	Supply & installation of Butterfly valves on the Condenser water pipe line -75 mm diameter	Nos	9287

R3-ME-9-66-f	Supply & installation of Butterfly valves on the Condenser water pipe line -65 mm diameter	Nos	8299
R3-ME-9-66-g	Supply & installation of Butterfly valves on the Condenser water pipe line -50 mm diameter	Nos	7003
R3-ME-9-66-h	Supply & installation of Butterfly valves on the Condenser water pipe line -40 mm diameter	Nos	5909
R3-ME-9-66-i	Supply & installation of Butterfly valves on the Condenser water pipe line -25 mm diameter	Nos	5205
<b>R3-ME-9-67</b>	<b>Non return valves</b>		
R3-ME-9-67-a	Supply & installation of Non return valves on the Condenser water pipe line -200 mm diameter	Nos	43980
R3-ME-9-67-b	Supply & installation of Non return valves on the Condenser water pipe line -150 mm diameter	Nos	26422
R3-ME-9-67-c	Supply & installation of Non return valves on the Condenser water pipe line -125 mm diameter	Nos	24104
R3-ME-9-67-d	Supply & installation of Non return valves on the Condenser water pipe line -100 mm diameter	Nos	21626
R3-ME-9-67-e	Supply & installation of Non return valves on the Condenser water pipe line -75 mm diameter	Nos	17992
R3-ME-9-67-f	Supply & installation of Non return valves on the Condenser water pipe line -65 mm diameter	Nos	15339
R3-ME-9-67-g	Supply & installation of Non return valves on the Condenser water pipe line -50 mm diameter	Nos	11434
R3-ME-9-67-h	Supply & installation of Non return valves on the Condenser water pipe line -40 mm diameter	Nos	10218
R3-ME-9-67-i	Supply & installation of Non return valves on the Condenser water pipe line -25 mm diameter	Nos	7600
<b>R3-ME-9-68</b>	<b>Balancing valves</b>		
R3-ME-9-68-a	Supply & installation of Balancing valves on the Condenser water pipe line – 200 mm diameter	Nos	195699
R3-ME-9-68-b	Supply & installation of Balancing valves on the Condenser water pipe line –150 mm diameter	Nos	100360
R3-ME-9-68-c	Supply & installation of Balancing valves on the Condenser water pipe line –125 mm diameter	Nos	89487
R3-ME-9-68-c	Supply & installation of Balancing valves on the Condenser water pipe line –100 mm diameter	Nos	64074
R3-ME-9-68-d	Supply & installation of Balancing valves on the Condenser water pipe line –75 mm diameter	Nos	55600
R3-ME-9-68-e	Supply & installation of Balancing valves on the Condenser water pipe line –65 mm diameter	Nos	21114
R3-ME-9-68-f	Supply & installation of Balancing valves on the Condenser water pipe line –50 mm diameter	Nos	18158

R3-ME-9-68-g	Supply & installation of Balancing valves on the Condenser water pipe line –40 mm diameter	Nos	12218
R3-ME-9-68-h	Supply & installation of Balancing valves on the Condenser water pipe line –25 mm diameter	Nos	9572
<b>R3-ME-9-69</b>	<b>Y strainer</b>		
R3-ME-9-69-a	Supply & installation of Y strainer on the Condenser water pipe line –200 mm diameter	Nos	52717
R3-ME-9-69-b	Supply & installation of Y strainer on the Condenser water pipe line –150 mm diameter	Nos	37090
R3-ME-9-69-c	Supply & installation of Y strainer on the Condenser water pipe line –125 mm diameter	Nos	25196
R3-ME-9-69-d	Supply & installation of Y strainer on the Condenser water pipe line –100 mm diameter	Nos	22522
R3-ME-9-69-e	Supply & installation of Y strainer on the Condenser water pipe line –75 mm diameter	Nos	19706
R3-ME-9-69-f	Supply & installation of Y strainer on the Condenser water pipe line –65 mm diameter	Nos	17313
R3-ME-9-69-g	Supply & installation of Y strainer on the Condenser water pipe line –50 mm diameter	Nos	13583
R3-ME-9-69-h	Supply & installation of Y strainer on the Condenser water pipe line –40 mm diameter	Nos	11261
R3-ME-9-69-i	Supply & installation of Y strainer on the Condenser water pipe line –25 mm diameter	Nos	8446
R3-ME-9-69-j	Supply & installation of Y strainer on the Condenser water pipe line –20 mm diameter	Nos	7854
<b>R3-ME-9-70</b>	<b>Pot strainer</b>		
R3-ME-9-70-a	Supply & installation of Pot strainer on the Condenser water pipe line – 200 mm diameter	Nos	57923
R3-ME-9-70-b	Supply & installation of Pot strainer on the Condenser water pipe line – 150 mm diameter	Nos	36457
R3-ME-9-70-c	Supply & installation of Pot strainer on the Condenser water pipe line – 125 mm diameter	Nos	31411
R3-ME-9-70-d	Supply & installation of Pot strainer on the Condenser water pipe line – 100 mm diameter	Nos	25266
R3-ME-9-70-e	Supply & installation of Pot strainer on the Condenser water pipe line – 75 mm diameter	Nos	22215
R3-ME-9-70-f	Supply & installation of Pot strainer on the Condenser water pipe line – 65 mm diameter	Nos	20037
R3-ME-9-70-g	Supply & installation of Pot strainer on the Condenser water pipe line – 50 mm diameter	Nos	15765
R3-ME-9-70-h	Supply & installation of Pot strainer on the Condenser water pipe line – 40 mm diameter	Nos	13091

R3-ME-9-70-i	Supply & installation of Pot strainer on the Condenser water pipe line – 25 mm diameter	Nos	9431
<b>R3-ME-9-71</b>	<b>Ball Valve</b>		
R3-ME-9-71-a	Supply & installation of Ball valve on the Condenser water pipe line – 65 mm diameter	Nos	8094
R3-ME-9-71-b	Supply & installation of Ball valve on the Condenser water pipe line –50 mm diameter	Nos	4075
R3-ME-9-71-c	Supply & installation of Ball valve on the Condenser water pipe line –40 mm diameter	Nos	3449
R3-ME-9-71-d	Supply & installation of Ball valve on the Condenser water pipe line –25 mm diameter	Nos	2956
<b>R3-ME-9-72</b>	<b>Float valve</b>		
R3-ME-9-72-a	Supply & installation of Float valve on the Condenser water pipe line – 65 mm diameter	Nos	8049
R3-ME-9-72-b	Supply & installation of Float valve on the Condenser water pipe line – 50 mm diameter	Nos	4058
R3-ME-9-72-c	Supply & installation of Float valve on the Condenser water pipe line – 40 mm diameter	Nos	3428
R3-ME-9-72-d	Supply & installation of Float valve on the Condenser water pipe line – 25 mm diameter	Nos	3031
<b>R3-ME-9-73</b>	<b>Brass/gun metal gate valve</b>		
R3-ME-9-73-a	Supply & installation of Brass/gun metal gate valve on the Condenser water pipe line – 40 mm dia.	Nos	4572
R3-ME-9-73-b	Supply & installation of Brass/gun metal gate valve on the Condenser water pipe line –25 mm dia.	Nos	3922
R3-ME-9-73-c	Supply & installation of Brass/gun metal gate valve on the Condenser water pipe line – 15 mm dia.	Nos	3136
R3-ME-9-74	Supply & installation of m. s base frame and mount for condenser pumps	Nos	11894
R3-ME-9-75	Supply and fixing of diaphragm type pressure gauges with necessary fitting and gate valve on chiller water inlet and outlet lines	Nos	4568
R3-ME-9-76	Providing Digital temperature indicator with thermowell and sensor on chiller water pipe line inlet, outlet and for return air	Nos	7245
R3-ME-9-77	Providing stem type thermometers	Nos	2456
<b>R3-ME-9-78</b>	<b>Providing,fixing. testing &amp; commissioning of 3- way mixing valve of following dia with actuator and proportating thermostat</b>		
R3-ME-9-78-a	Providing,fixing. testing & commissioning of 3- way mixing valve -100 mm diameter	Nos	104866

R3-ME-9-78-b	Providing,fixing. testing & commissioning of 3- way mixing valve -75 mm diameter	Nos	99278
R3-ME-9-78-c	Providing,fixing. testing & commissioning of 3- way mixing valve -65 mm diameter	Nos	93056
R3-ME-9-78-d	Providing,fixing. testing & commissioning of 3- way mixing valve – 50 mm diameter	Nos	84456
R3-ME-9-78-e	Providing,fixing. testing & commissioning of 3- way mixing valve -40 mm diameter	Nos	78122
R3-ME-9-78-f	Providing,fixing. testing & commissioning of 3- way mixing valve -32 mm diameter	Nos	71717
<b>R3-ME-9-79</b>	<b>Providing,fixing. testing &amp; commissioning of following of 2-way mixing valve of following dia with actuator and proportioning thermostat</b>		
R3-ME-9-79-a	Providing,fixing. testing & commissioning of 2- way mixing valve of-100 mm diameter	Nos	105148
R3-ME-9-79-b	Providing,fixing. testing & commissioning of 2- way mixing valve of-75 mm diameter	Nos	99236
R3-ME-9-79-c	Providing,fixing. testing & commissioning of 2- way mixing valve of-65 mm diameter	Nos	92523
R3-ME-9-79-d	Providing,fixing. testing & commissioning of 2- way mixing valve of-50 mm diameter	Nos	84456
R3-ME-9-79-e	Providing,fixing. testing & commissioning of 2- way mixing valve of-40 mm diameter	Nos	78291
R3-ME-9-79-f	Providing,fixing. testing & commissioning of 2- way mixing valve of-32 mm diameter	Nos	71717
R3-ME-9-79-g	Providing,fixing. testing & commissioning of 2- way mixing valve of-25 mm diameter	Nos	28363
R3-ME-9-79-h	Providing,fixing. testing & commissioning of 2- way mixing valve of-19 mm diameter	Nos	22029
<b>R3-ME-9-80</b>	<b>Replacement of damaged thermal insulation with new one with aluminum foil to chilled water pipe line of the following size</b>		
R3-ME-9-80-a	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe-50 mm	MTR	671
R3-ME-9-80-b	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe- 65 mm	MTR	760
R3-ME-9-80-c	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe-75 mm	MTR	849
R3-ME-9-80-d	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe-100 mm	MTR	929
R3-ME-9-80-e	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe-125 mm	MTR	1057

R3-ME-9-80-f	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe-150 mm	MTR	1177
R3-ME-9-80-g	Replacement of damaged thermal insulation with with aluminum foil to chilled water pipe-200 mm	MTR	1361
<b>R3-ME-9-81</b>	<b>SERVICING AND MAINTENANCE CONTRACT FOR AIR CONDITIONING UNITS</b>		
R3-ME-9-81-a	Comprehensive service & maintenance charges of 1.0 TR capacity Window Model AC unit for a period of 12 months	Nos	3105
R3-ME-9-81-b	Comprehensive service & maintenance charges of 1.5 TR capacity Window Model AC unit for a period of 12 months	Nos	3680
R3-ME-9-81-c	Comprehensive service & maintenance charges of 2 TR capacity Window Model AC unit for a period of 12 months	Nos	5175
R3-ME-9-81-d	Comprehensive service & maintenance charges of 1.0 TR capacity Split AC unit for a period of 12 months	Nos	7245
R3-ME-9-81-e	Comprehensive service & maintenance charges of 1.5 TR capacity Split AC unit for a period of 12 months	Nos	7705
R3-ME-9-81-f	Comprehensive service & maintenance charges of 2 TR capacity Split AC unit for a period of 12 months	Nos	8625
R3-ME-9-81-g	Comprehensive service & maintenance charges of 2.5 TR capacity Split AC unit for a period of 12 months	Nos	9200
R3-ME-9-81-h	Comprehensive service & maintenance charges of 3 TR capacity Multi/Mega Split AC unit for a period of 12 months	Nos	10695
R3-ME-9-81-i	Comprehensive service & maintenance charges of Ductable type split AC units of per 1 TR for a period of 12 months	Nos	7360
R3-ME-9-81-j	Comprehensive service & maintenance charges of Packaged AC units of per 1 TR for a period of 12 months	Nos	7475
R3-ME-9-81-k	Comprehensive service & maintenance charges of VRF AC units of per 1 HP 12 month	Nos	9775
R3-ME-9-81-l	Comprehensive service & maintenance charges of DX double skin AHU per 1 TR for a period of 12 months	Nos	7883
R3-ME-9-81-m	Comprehensive service & maintenance charges of ceiling Suspended Chilled water double skin AHU per 1 TR for a period of 12 months	Nos	3294
R3-ME-9-81-n	Comprehensive service & maintenance charges of floor mounted Chilled water double skin AHU/ FCU per 1 TR for a period of 12 months	Nos	3125
R3-ME-9-81-o	Comprehensive service & maintenance charges of Chiller AC plants with low side of per 1 TR for 12 months	Nos	3941
R3-ME-9-81-p	Comprehensive service & maintenance charges of Chiller AC plants without low side of per 1 TR for 12 months	Nos	3378
	<b>MISCELLANEOUS ITEMS</b>		
R3-ME-9-82	Providing & fixing of Canvas Connections for units.	Nos	4175

R3-ME-9-83	SITC of the Vertical laminar air distribution ceiling (surgical module) suitable for Operating Theaters rooms	Nos	1399912
R3-ME-9-84	S & I of G.I. Powder Coated Rectangular Riser (Wall riser)	Nos	112439
R3-ME-9-85	S & I of Flexible Bellow for Chiller, Chilled Water & Condenser water Pumps	Nos	49970
R3-ME-9-86	S & I of 50 mm thick both side PPGL sheet with PUF insulation	Sqm	11437
R3-ME-9-87	S & I of 80 mm PPGL sheet Panel along with accessories	Sqm	13837
R3-ME-9-88	S & I of Kota flooring with 60 mm Polyurethrene slab	Sqm	9853
R3-ME-9-89	S & I of SS racks of size 2 ft x 4 ft length and 3/4 levels	Nos	109793
R3-ME-9-90	S & I of Circular Chart Recorder to record temperature upto 7 days.	Nos	91494
R3-ME-9-91	S & I of motorised Volume control Damper with actuator	Sqm	21459
R3-ME-9-92	S & I of MS stands for VRF / ductable / package AC outdoor units.	Nos	11965
R3-ME-9-93	S & I of Cubical panel for chilled water AHU/ Refrigeration unit	Nos	32708
R3-ME-9-94	S & I of Control Panel for DX AHU/ Packaged/ Precision AC Units.	Nos	182988
R3-ME-9-95	S & I of Timer for AC units	Nos	16187
R3-ME-9-96	S & I of Aluminium cladding for chilled water pipes	Sqm	1619
R3-ME-9-97	MS structure for AC works	Kg	260
R3-ME-9-98	FRP Coating for MS Structure	Sqm	3578
R3-ME-9-99	Validation for AC work	Job	105570
R3-ME-9-100	To make opening in the walls for laying of chilled water piping / drain piping, supply air duct, cable etc.& making them good as per original appearance.	Job	26243
R3-ME-9-101	Paint for exposed ducts	Sqm	774
R3-ME-9-102	Installation, testing and commissioning of Split AC unit	Nos	3941
R3-ME-9-103	Installation, testing and commissioning of Ductable/ Packaged/ Precision AC unit	Nos	49266
R3-ME-9-104	SITC of Air curtain of length - 36"	Nos	79983
R3-ME-9-105	SITC of Air curtain of length - 48"	Nos	89454
R3-ME-9-106	SITC of Air curtain of length - 60"	Nos	106316
R3-ME-9-107	SITC of Air curtain of length - 72"	Nos	117140
R3-ME-9-108	Dismantling old Precision AC units and its accessories	TR	873
R3-ME-9-109	Dismantling old Air Handling Unit and its accessories	Nos	11965
R3-ME-9-110	Dismantling old Chiller plants and its accessories	TR	1942
R3-ME-9-111	Rebate for old chiller plants and its accessories	TR	-2083
R3-ME-9-112	Rebate for old Precision AC units and its accessories	TR	-1091
R3-ME-9-113	Rebate for old Dx AHU and its accessories	Nos	-13372
R3-ME-9-114	Rebate for old ceiling suspended AHU and its accessories	Nos	-13091
R3-ME-9-115	Rebate for old floor mounted AHU and its accessories	Nos	-12668
R3-ME-9-116	CSMC of water coolers (20-80 ltrs) for 12 months	Nos	8560
R3-ME-9-117	CSMC of water coolers (81-150 ltrs) for 12 months	Nos	9304



<b>GROUP J – HIGHMAST, POLES AND ACCESSORIES</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>PA</b>	<b>Poles and Accessiroies (SP-ME-TS-13)</b>		
<b>R3-ME-10-1</b>	<b>Swedged poles -Design, engineering, manufacture, testing at factory, packing &amp; forwarding, delivery to site, unloading and handling at site, assembly, installation, testing and commissioning of sewage street light poles with embeded junction box inclusive of terminals, 3Cx 2.5 sqmm PVC insulated multistranded flexible copper cable from Junction box to the luminaires, termination at both ends and other accessories. Foundation for the pole erection and all civil works shall be in the scope of the contractor. Pole designation as per IS 2713 Part II 1980.</b>		
R3-ME-10-1-a	410 SP-2 Swedged pole 7meter in length weight of pole 73 Kgs. (Add 10 Kg. weight of sleeve & base plate)	Nos	27843
R3-ME-10-1-b	410 SP-3 Swedged pole 7meter in length weight of pole 85 Kgs. (Add 10 Kg. weight of sleeve & base plate)	Nos	31869
R3-ME-10-1-c	410 SP-26 Swedged pole 9 meter in length weight of pole 92 Kgs. (Add 10 Kg. weight of sleeve & base plate)	Nos	34216
R3-ME-10-1-d	410 SP-27 Swedged pole 9 meter in length weight of pole 108 Kgs. (Add 10 Kg. weight of sleeve & base plate)	Nos	39584
R3-ME-10-1-e	410 SP-27 Swedged pole 9 meter in length weight of pole 125 Kgs. (Add 10 Kg. weight of sleeve & base plate)	Nos	45286
R3-ME-10-1-f	410 SP-27 Swedged pole 9 meter in length weight of pole 133 Kgs. (Add 10 Kg. weight of sleeve & base plate)	Nos	47970
<b>R3-ME-10-2</b>	<b>Garden Poles</b>		
R3-ME-10-2-a	Garden Poles -4.5m long 50mm dia. 'C' class GI pipe pole	Nos	17519
<b>R3-ME-10-3</b>	<b>Brackets</b>		
R3-ME-10-3-a	Single arm bracket	Nos	3594
R3-ME-10-3-b	Double arm bracket	Nos	7189
R3-ME-10-3-c	Triple arm bracket	Nos	10783
R3-ME-10-3-d	Wire guard of MH/Street light/CFL fixture	Nos	592
R3-ME-10-3-e	Swan neck type bracket for fixing HPMV / HPSV lamp fixtures mounting on wall / shed etc. 0.5 to 1.2 Mtrs.	Nos	979
R3-ME-10-3-f	Race way for fitting / fixtures by using G. I. Reducer and 50mm dia. 'B' class G.I. pipe of 300mm length (for fixing gate lights)	Nos	693

<b>R3-ME-10-4</b>	<b>C.I.Junction Boxes: Providing, fixing and connecting weather proof pole mounting cast iron box, hinged door with locking arrangement, complete with MCB cutouts, terminal block mounting arrangement etc. Box shall be duly painted in approved manner . Cost of painting is included in cost of C.I. Box.</b>		
R3-ME-10-4-a	Cast Iron Junction box complete with 2way terminal or connector block and 6A SP MCB. Box size shall not be less than 6" x 5" (150 mm x 125 mm)	Nos	5991
R3-ME-10-4-b	Cast Iron Junction box complete with c 2way terminal or connector block and 6A SP MCB. Box size shall not be less than 8" x 5" (200 mm x 125 mm.)	Nos	7428
<b>R3-ME-10-5</b>	<b>Galvanised Octagonal Poles - Design, engineering, manufacture, testing at factory, packing &amp; forwarding, delivery to site, unloading and handling at site, assembly, installation, testing and commissioning of Octagonal street light poles with embeded junction box inclusive of terminals, 3Cx 2.5 sqmm PVC insulated multistranded flexible copper cable from Junction box to the luminaires, termination at both ends and other accessories. Foundation for the pole erection and all civil works shall be in the scope of the contractor.</b>		
R3-ME-10-5-a	Providing & erecting 3 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	25319
R3-ME-10-5-b	Providing & erecting 4 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	36283
R3-ME-10-5-c	Providing & erecting 5 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	50266
R3-ME-10-5-d	Providing & erecting 6 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	56784
R3-ME-10-5-e	Providing & erecting 7 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	66102

R3-ME-10-5-f	Providing & erecting 8 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	81270
R3-ME-10-5-g	Providing & erecting 9 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	96775
R3-ME-10-5-h	Providing & erecting 10 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 130 mm A/F, top 70 mm A/F on provided foundation as per specification	Nos	107790
R3-ME-10-5-i	Providing & erecting 11 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 210 mm A/F, top 90 mm A/F on provided foundation as per specification	Nos	129543
R3-ME-10-5-j	Providing & erecting 12 m high (clear height) galvanized OCTAGONAL pole with foundation bolts having bottom of 240 mm A/F, top 90 mm A/F on provided foundation as per specification	Nos	161013
<b>R3-ME-10-6</b>	<b>Hot Dip Galvanised Octoganal poles brackets for street lighting</b>		
R3-ME-10-6-a	Providing & erecting single arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 70 MM as per specification	Nos	9181
R3-ME-10-6-b	Providing & erecting double arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 70 MM as per specification	Nos	13425
R3-ME-10-6-c	Providing & erecting single arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 70 MM as er specification	Nos	11222
R3-ME-10-6-d	Providing & erecting double arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 70 MM as per specification	Nos	17502
R3-ME-10-6-e	Providing & erecting single arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 90 MM as per specification	Nos	10513
R3-ME-10-6-f	Providing & erecting double arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 90 MM as per specification	Nos	14756

R3-ME-10-6-g	Providing & erecting single arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 90 MM as per specification	Nos	12555
R3-ME-10-6-h	Providing & erecting double arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 90 MM as per specification	Nos	18835
R3-ME-10-6-i	Providing & erecting single arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 75 MM as per specification	Nos	10000
R3-ME-10-6-j	Providing & erecting double arm double bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 75 MM as per specification	Nos	14243
R3-ME-10-6-k	Providing & erecting single arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 75 MM as per specification	Nos	12030
R3-ME-10-6-l	Providing & erecting double arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 75 MM as per specification	Nos	18310
R3-ME-10-6-m	Providing & erecting single arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 75 MM as per specification	Nos	11981
R3-ME-10-6-n	Providing & erecting double arm standard bracket 1000MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 75 MM as per specification	Nos	16224
R3-ME-10-6-o	Providing & erecting single arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 96 MM as per specification	Nos	14017
R3-ME-10-6-p	Providing & erecting double arm standard bracket 1500MM long made up of 40 NB GI pipe suitable for octagonal pole of having top dia 96 MM as per specification	Nos	20293
<b>R3-ME-10-7</b>	<b>Junction Box For octagonal Poles</b>		
R3-ME-10-7-a	Smart Pack junction box with 6A MCB & Terminals ( for mounting inside base compartment of pole)	Nos	2701
R3-ME-10-7-b	Bakelite sheet with MCB & Terminal ( for mounting inside the base compartment of the pole)	Nos	1801
R3-ME-10-7-c	Bakelite sheet with kit kat fuse & terminals (for mounting inside the base compartment of the pole)	Nos	1425
<b>R3-ME-10-8</b>	<b>Reinforced polymer Composite poles (GRP Poles)- Design, engineering, manufacture, testing at factory, packing &amp; forwarding, delivery to site, unloading and handling at site, assembly, installation, testing and commissioning of GRP Poles (Glass reinforced Polymer) street lighting poles.</b>		

R3-ME-10-8-a	Providing & erecting 3 m high galvanized CONICAL pole	Nos	32555
R3-ME-10-8-b	Providing & erecting 4 m high galvanized CONICAL pole	Nos	42185
R3-ME-10-8-c	Providing & erecting 5 m high galvanized CONICAL pole	Nos	51881
R3-ME-10-8-d	Providing & erecting 6 m high galvanized CONICAL pole	Nos	69423
R3-ME-10-8-e	Providing & erecting 7 m high galvanized CONICAL pole	Nos	72207
R3-ME-10-8-f	Providing & erecting 8 m high galvanized CONICAL pole	Nos	81260
R3-ME-10-8-g	Providing & erecting 9 m high galvanized CONICAL pole	Nos	85413
R3-ME-10-8-h	Providing & erecting 10 m high galvanized CONICAL pole	Nos	99895
R3-ME-10-8-i	Providing & erecting 11 m high galvanized CONICAL pole	Nos	118701
R3-ME-10-8-j	Providing & erecting 12 m high galvanized CONICAL pole	Nos	132686
<b>R3-ME-10-9</b>	<b>GRP Accessories</b>		
R3-ME-10-9-a	Single Arm Bracket of 1000mm length	Nos	11159
R3-ME-10-9-b	Double Arm Bracket of 1000mm length	Nos	15534
R3-ME-10-9-c	Embedded Junction Box with 4way connector suitable for cable upto 3Cx16 Sq.mm cable	Nos	9857
<b>HMLS</b>	<b>HIGHT MAST LIGHTING SYSTEM (SP-ME-TS-42)</b>		
<b>R3-ME-10-10</b>	<b>Design, engineering manufacture, testing at factory, packing &amp; forwarding, delivery to site, unloading and handling at site, assembly, installation, testing and commissioning of Hot Dipped galvanized octagonal High Mast with suitable hardware for erection, wire rope for up-down manual &amp; motorized mechanism, Luminary Carriage, wiring from feeder pillar to lighting fixtures &amp; all other standard accessories with standard specs. Lightning protection, Aviation lighting &amp; all inter connection is included in the contractor's scope. Outdoor stand mounted Feeder Pillar also Provision of earthing system for high mast - Provision of GI pipe earthing for High mast with 2.5 M long 40 mm dia GI Pipe (2nos per mast required) including connection to High mast earth terminal with 25 x 3 mm GI flats with all materials and labor</b>		
R3-ME-10-10-a	Supplying and erecting 12.5 m (clear height) High Mast (Top-150mm,Bottom- 360mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 6 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification No.	Nos	311766

R3-ME-10-10-b	Supplying and erecting 16 m (clear height) High Mast (Top-150mm, Bottom- 360mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 8 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification	Nos	335917
R3-ME-10-10-f	Supplying and erecting 16 m (clear height) High Mast (Top-150 mm, Bottom- 410mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 12 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification	Nos	376602
R3-ME-10-10-c	Supplying and erecting 20 m (clear height) High Mast (Top-150mm, Bottom- 410mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 8 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification	Nos	448451
R3-ME-10-10-g	Supplying and erecting 20 m (clear height) High Mast (Top-150mm, Bottom- 460mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 12 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification	Nos	503651
R3-ME-10-10-h	Supplying and erecting 25 m (clear height) High Mast (Top-150mm, Bottom- 540mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 12 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification	Nos	605683
R3-ME-10-10-d	Supplying and erecting 25 m (clear height) High Mast (Top-200mm, Bottom- 560 mm) with lowering and raising motorized unit, lantern carriage assembly suitable for max. 16 nos. luminaries and its control gear box, lightning finial, arrangement for fixing aviation light and foundation bolts on provided foundation as per specification	Nos	707818
R3-ME-10-10-i	Supply and erecting 9m (clear height) Fixed type High Mast (Top-100mm, Bottom- 200mm) with hexagonal/round bracket and foundation/bolts suitable for max. 4nos floodlight fixtures on provided foundation as per specification	Nos	79616

R3-ME-10-10-j	Supply and erecting 12.5m (clear height) Fixed type High Mast (Top- 110mm, Bottom- 242 mm) with hexagonal/round bracket and foundation bolts suitable for max. 6 nos floodlight fixtures on provided foundation as per specification	Nos	68744
R3-ME-10-10-e	Flood light 2x400W for high mast	Nos	4487
<b>BD</b>	<b>Civil Foundation For High Mast</b>		
<b>R3-ME-10-11</b>	<b>Design and casting of suitable shallow foundation with 1:2:4 grade concrete for the highmast considering the safe soil bearing capacity at site as 10T/Sq.M at 1.5-2 Mtr. Depth. Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates.</b>		
R3-ME-10-11-a	Foundation for 12.5 Mtr. Highmast	Nos	55265
R3-ME-10-11-b	Foundation for 16 Mtr. Highmast	Nos	58154
R3-ME-10-11-c	Foundation for 20 Mtr. Highmast	Nos	78312
R3-ME-10-11-d	Foundation for 30 Mtr. Highmast	Nos	114295
<b>DJ</b>	<b>Control Panel</b>		
<b>R3-ME-10-12</b>	<b>Supply &amp; Installation of control panel will be as per standard specs &amp; includes necessary control gear, Timer operated contactor &amp; MCBs for protection, Earthing terminals, indication lamps, raise lower push buttons etc. Single phase prevention shall be provided for winch motor.</b>		
R3-ME-10-12-a	Supplying and erecting Outdoor Stand Mounted Feeder Pillar for highmast of the same manufacturer with 32A TPN MCB incomer, single dial timer switch, 25 A TP contactor for automatic switching of luminaries, 2 no 9A contactors and raise/lower push button, and provision for termination of Incoming minimum 35 sq. mm and outgoing minimum 16 & 2.5 sq. mm cables complete erected in min. 14 guage CRCA sheet box with supporting angles, self lock, gasket and slanting top erected on CC foundation in an approved manner.	Nos	60510
R3-ME-10-12-b	Supplying and erecting Outdoor Stand Mounted Feeder Pillar for highmast of the same manufacturer with 63A TPN MCB incomer, single dial timer switch, 45 A TP contactor for automatic switching of luminaries, 2 no 9A contactors and raise/lower push button, and provision for termination of Incoming minimum 35 sq. mm and outgoing minimum 16 & 2.5 sq. mm cables complete erected in min. 14 guage CRCA sheet box powder coated with supporting angles, self lock, gasket and slanting top erected on CC foundation in an approved manner.	Nos	70476
R3-ME-10-12-c	Time controller for street light poles	Nos	32922

<b>GROUP K - BOREWELL</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-11-1</b>	<b>Borewell (SP-ME-TS-44)</b>		
R3-ME-11-1-a	Geological Survey to locate borewell by soil resistivity meter for ground water	Job	7517
R3-ME-11-1-b	Rig erection,setting,transportation of rig and other equipments	Job	7518
R3-ME-11-1-c	Drilling of 100/150 mm dia. Bore upto any depth	Mtr	560
R3-ME-11-1-d	Providing 150 mm dia. PVC casing pipe 5 mm thick ISI Mark	Mtr	1435
R3-ME-11-1-e	Supply & installation of suitable Multi stage Submersible Water Pump of approved make having proportionate discharge of borewell yield.	Nos	62605
R3-ME-11-1-f	Supply & installation of wall type weather proof make auto control panel comprising of Voltmeter, Ammeter, SPP, powder coated 16 guage suitable rating DOL Starter, complete.	Nos	17425
R3-ME-11-1-g	Supply of installation of hand pump India Mark II with ISI No.301 with accessories as under : 1/2" connecting rods c.l. base cylinder with movable gun metal parts and chambers.	Nos	21211
R3-ME-11-1-h	Supply & installation of 12 mm dia, 3 mtr. long G.I. connecting rods with threaded coupling at one end & check nut at other end	Nos	616
R3-ME-11-1-i	Providing M 150 cement concrete for installation of assembly in ground & construction of platform around bore well & drainage line.	Job	10250
R3-ME-11-1-j	Supply & fixing 32 mm dia.'C' class ISI mark G.I. pipe as delivery pipe for submersible pump set along with necessary fittings & other allied materials	Mtr	752
R3-ME-11-1-k	Construction of brick masonry Rectangular chamber of 3' x 1.5' x 2' depth size with C.I. cover	Job	18792
R3-ME-11-1-l	Fabrication Supply & fixing of M.S. Clamp pair of 300 x 50 x 5 mm size for support of borewell	Nos	1230
R3-ME-11-1-m	Testing & Commissioning & to submit yield report for electric as well as hand pump.	Job	7517
<b>R3-ME-11-2</b>	<b>REPAIRING &amp; RECONDITIONING OF BOREWELL</b>		
R3-ME-11-2-a	Removing and refixing of submersible pump	Job	10865
R3-ME-11-2-b	Flushing of Borewell	Job	17083
R3-ME-11-2-c	Minor repair of control panel including cleaning of contacts, replacement of connector, replacement of burnt wires.	Nos	1217



R3-ME-11-2-d	Replacement of contactors	Nos	3362
R3-ME-11-2-e	Replacement of single phase preventer	Nos	6082
R3-ME-11-2-f	Replacement of Water level guard	Nos	787
R3-ME-11-2-g	Replacement of Overload relay	Nos	2132
R3-ME-11-2-h	Replacement of Sensor wire	Nos	1162
<b>R3-ME-11-3</b>	<b>COMPLETE REWINDING OF V4/V6 PUMPS</b>		
R3-ME-11-3-a	COMPLETE REWINDING OF V4/V6 PUMPS - 1HP	Nos	9252
R3-ME-11-3-b	COMPLETE REWINDING OF V4/V6 PUMPS - 2Hp	Nos	9252
R3-ME-11-3-c	COMPLETE REWINDING OF V4/V6 PUMPS – 3HP	Nos	10332
R3-ME-11-3-d	COMPLETE REWINDING OF V4/V6 PUMPS – 5Hp	Nos	12860
R3-ME-11-3-e	COMPLETE REWINDING OF V4/V6 PUMPS - 7.5Hp	Nos	14910
R3-ME-11-3-f	COMPLETE REWINDING OF V4/V6 PUMPS – 10Hp	Nos	18504
R3-ME-11-3-g	COMPLETE REWINDING OF V4/V6 PUMPS –12Hp	Nos	26212
R3-ME-11-3-h	COMPLETE REWINDING OF V4/V6 PUMPS - 15HP	Nos	26732
R3-ME-11-3-i	COMPLETE REWINDING OF V4/V6 PUMPS - 20Hp	Nos	30121
R3-ME-11-3-j	COMPLETE REWINDING OF V4/V6 PUMPS - 25HP	Nos	33415
<b>R3-ME-11-4</b>	<b>REPLACEMENT OF BEARING</b>		
R3-ME-11-4-a	REPLACEMENT OF BEARING of 1HP to 5HP	Nos	4223
R3-ME-11-4-b	REPLACEMENT OF BEARING of 6HP to 10HP	Nos	5658
<b>R3-ME-11-5</b>	<b>REPLACEMENT OF IMPELLER</b>		
R3-ME-11-5-a	REPLACEMENT OF IMPELLER of V4 Pump	Nos	854
R3-ME-11-5-b	REPLACEMENT OF IMPELLER of V6 Pump	Nos	1900
<b>R3-ME-11-6</b>	<b>SERVICING AND OVERHAULING OF PUMP</b>		
R3-ME-11-6-a	SERVICING AND OVERHAULING OF PUMP Up to 5HP	Nos	4223
R3-ME-11-6-b	SERVICING AND OVERHAULING OF PUMP 6HP to 10HP	Nos	5658
<b>R3-ME-11-7</b>	<b>HANDPUMP (SP-ME-TS-45)</b>		
R3-ME-11-7-a	Extra Deep well Hand pump working capacity upto 60 mtr.	Nos	38150
<b>R3-ME-11-8</b>	<b>REPAIRS TO HANDPUMP</b>		
R3-ME-11-8-a	Replacement of Chain with coupling	Nos	560
R3-ME-11-8-b	Replacement of stand assembly telescopic	Nos	5910
R3-ME-11-8-c	Replacement of head assembly	Nos	9129
R3-ME-11-8-d	Replacement of handle assembly	Nos	9129
R3-ME-11-8-e	Replacement of normal stand assembly	Nos	5051
R3-ME-11-8-f	Replacement of handle assembly	Nos	2426

**GROUP L – EPABX, TELEPHONE CABLES, COMPUTER ACCESSORIES, PROJECTOR, PUBLIC ADDRESS SYSTEM, CCTV, ACCESS CONTROL**

<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>EPABX</b>	<b>EPABX, AND ACCESORIES, COMPUTER ACCESORIES, PUBLIC ADDRESS SYSTEM, CCTV</b>		
<b>R3-ME-12-1</b>	<b>SITC OF EPABX</b>		
R3-ME-12-1-a	SITC of EPABX 2 x 6 P&T	Nos	12305
R3-ME-12-1-b	SITC of EPABX 3 x 8 P&T	Nos	13731
R3-ME-12-1-c	SITC of EPABX 4 x12 P&T	Nos	20966
R3-ME-12-1-d	SITC of EPABX 4 x16 P&T	Nos	31416
R3-ME-12-1-e	SITC of EPABX 5 x16 P&T	Nos	33512
R3-ME-12-1-f	SITC of EPABX 6 x 24 P&T (6 TRUNK / 2 DIGITAL / 24 SLT) EXPANDABLE UPTO 48 EXT)	Nos	54332
R3-ME-12-1-g	SITC of EPABX 6 x 28 P&T (6 TRUNK / 4 DIGITAL / 28 SLT) EXPANDABLE UPTO 256 EXT )	Nos	92288
R3-ME-12-1-h	SITC of Additional 16 extension card.	Nos	21655
R3-ME-12-1-i	SITC of Additional 24 extension card.	Nos	26122
R3-ME-12-1-j	SITC of Additional 8 trunks lines card	Nos	18163
R3-ME-12-1-k	SITC of Push button telephone instrument desk top/ wall mount unit	Nos	1634
<b>R3-ME-12-2</b>	<b>SITC OF TELEPHONE CABLES</b>		
R3-ME-12-2-a	PVC Telephone Cable -2 pair	Mtr	26
R3-ME-12-2-b	PVC Telephone Cable -5 pair	Mtr	48
R3-ME-12-2-c	PVC Telephone Cable -10 pair	Mtr	77
R3-ME-12-2-d	PVC Telephone Cable -20 pair	Mtr	130
R3-ME-12-2-e	PVC Telephone Cable -50 pair	Mtr	314
<b>R3-ME-12-3</b>	<b>SITC OF ARMoured JELLY FILLED TELEPHONE CABLES</b>		
R3-ME-12-3-a	Armoured Telephone Cable -10 pair	Mtr	121
R3-ME-12-3-b	Armoured Telephone Cable -20 pair	Mtr	178
R3-ME-12-3-c	Armoured Telephone Cable -50 pair	Mtr	356
R3-ME-12-3-d	Armoured Telephone Cable -100 pair	Mtr	583
R3-ME-12-3-e	Armoured Telephone Cable -200 pair	Mtr	1059
<b>R3-ME-12-4</b>	<b>SITC OF COMPUTERS CABLES</b>		
R3-ME-12-4-a	Cat 5E	Mtr	32
R3-ME-12-4-b	Cat 6 Gigabyte	Mtr	34
R3-ME-12-4-c	RG 6 copper	Mtr	36
R3-ME-12-4-d	RG 6 copper-clad steel (CCS )	Mtr	30
R3-ME-12-4-e	RG 11	Mtr	32

<b>R3-ME-12-5</b>	<b>SITC OF COMPUTER ACCESSORIES</b>		
R3-ME-12-5-a	Switch BOX point for computers through Casing-Capping Description of Item 8Modular SURFACE BOX - 1 No. 8Modular PLATE - 1 No. INDICATOR LAMP - 1 No. 15A SWITCH - 1 No. 6A 5 PIN SOCKET - 3 Nos. 2Modular SURFACE BOX - 1 Nos. 2M PLATE - 1Nos. RJ11 SOCKET - 1 Nos. RJ45 SOCKET - 1Nos.	Nos	1543
R3-ME-12-5-b	Switch BOX point for computers through PVC Conduit Description of Item 8Modular SURFACE BOX - 1 No. 8Modular PLATE - 1 No. INDICATOR LAMP - 1 No. 15A SWITCH - 1 No. 6A 5 PIN SOCKET - 3 Nos. 2Modular SURFACE BOX - 1 Nos. 2M PLATE - 1Nos. RJ11 SOCKET - 1 Nos. RJ45 SOCKET - 1Nos.	Nos	1543
R3-ME-12-5-c	PVC box & cover plate with RJ-45 for LAN access only	Nos	335
R3-ME-12-5-d	PVC box & cover plate with RJ-11 for Telephone access only	Nos	258
R3-ME-12-5-e	PVC box & cover plate for combined access of RJ-11 for Telephone & RJ-45 for LAN	Nos	413
R3-ME-12-5-f	Aluminium channel 3/4 in. X 3/4 in., 16 SWG.	Mtr	120
<b>R3-ME-12-6</b>	<b>M.S.Junction Box for EPABX :</b>		
R3-ME-12-6-a	10 pair M.S.Junction Box for EPABX	Nos	1031
R3-ME-12-6-b	20 pair M.S.Junction Box for EPABX	Nos	1289
R3-ME-12-6-c	50 pair M.S.Junction Box for EPABX	Nos	1633
R3-ME-12-6-d	100 pair M.S.Junction Box for EPABX	Nos	2578
R3-ME-12-6-e	200 pair M.S.Junction Box for EPABX	Nos	4125
<b>R3-ME-12-7</b>	<b>SUPPLY &amp; LAYING OF CASING-CAPPING</b>		
R3-ME-12-7-a	25 mm X 12 mm - Casing-Capping	Mtr	65
R3-ME-12-7-b	20 mm X 12 mm - Casing-Capping	Mtr	58
R3-ME-12-7-c	12 mm X 12 mm - Casing-Capping	Mtr	58
<b>R3-ME-12-8</b>	<b>SUPPLY &amp; LAYING OF PVC CONDUITS</b>		
R3-ME-12-8-a	25 mm.- Only PVC Conduits	Mtr	37
R3-ME-12-8-b	20 mm.- Only PVC Conduits	Mtr	27
R3-ME-12-8-c	12 mm.- Only PVC Conduits	Mtr	27

<b>R3-ME-12-9</b>	<b>SITC OF COMPUTER NETWORKS ACCESSORIES</b>		
R3-ME-12-9-a	Router for ISDN	Nos	4812
R3-ME-12-9-b	24 Port +4 10G SFP+ Fibre Optic Switch	Nos	201935
R3-ME-12-9-c	Fibre Optic Cable	Mtr	52
R3-ME-12-9-d	Media Convertor	Nos	5808
R3-ME-12-9-e	Single Mode Fibre Optic Connector	Nos	481
R3-ME-12-9-f	Single Mode Fibre Optic Patch Chord	Nos	602
R3-ME-12-9-g	Light Interface Unit (LIU)	Nos	7734
R3-ME-12-9-h	24 Port Manageable Switch	Nos	14608
R3-ME-12-9-i	24 Port patch Panel	Nos	4812
R3-ME-12-9-j	16 Port Switch	Nos	3780
R3-ME-12-9-k	8 Port Switch	Nos	1547
R3-ME-12-9-l	7 Feet Patch Chord	Nos	206
R3-ME-12-9-m	3 Feet Patch Chord	Nos	172
R3-ME-12-9-n	SITC of 24 ports 10/100/1000 with 2 combo ports PoE switch	Nos	39528
R3-ME-12-9-o	SITC of Single Mode 1G SFP - 10KM Module with installation	Nos	8249
R3-ME-12-9-p	SITC of 12 core single mode fibre optic armoured cable with installation/Mtr	Mtr	72
R3-ME-12-9-q	SITC of Sc-SC Duplex fibre patch cord SM 9/125 - 3mtr	Nos	2063
R3-ME-12-9-r	SITC of 12 port LIU fully loaded	Nos	7217
R3-ME-12-9-s	SC connector per core	Nos	550
R3-ME-12-9-t	SITC of 24 Port CAT-6 UTP Jack panel with cable manager	Nos	5499
R3-ME-12-9-u	SITC of 9 inch Rack	Nos	7734
R3-ME-12-9-v	SITC of 19 inch Rack	Nos	34371
R3-ME-12-9-w	SITC of 32 inch Rack	Nos	47262
R3-ME-12-9-x	SITC of Media convertor (fibre to Ethernet)	Nos	10140
R3-ME-12-9-y	SITC of 8 ports 10/100/1000 with 2 combo ports PoE switch with installation	Nos	34371
R3-ME-12-9-z	SITC of 16 ports 10/100/1000 with 2 combo ports PoE switch with installation	Nos	39528
R3-ME-12-9-aa	2 inch C Class GI Pipe	Mtr	878
<b>R3-ME-12-10</b>	<b>SITC OF PUBLIC ADDRESS SYSTEM</b>		
R3-ME-12-10-a	Conference Controller shall have 50 Watt Central Mixer Amplifier minimum 64)	Nos	23235
R3-ME-12-10-b	Delegate unit Microphone	Nos	8799
R3-ME-12-10-c	Chairman Unit Microphone	Nos	9882
R3-ME-12-10-d	6W/100V. PA Ceiling Speaker	Nos	1289
R3-ME-12-10-e	Permanent wiring using superior quality 8 core shielded cable complete with junction box fitted with 8 pin socket(Per junction).	Mtr	36
R3-ME-12-10-p	Supply and installation of 6W recessed ceiling mount speaker with VARIABLE VOLTAGE TAPPING OF 6/3 watt	Nos	1246

R3-ME-12-10-q	Supply and installation of 10W recessed ceiling mount speaker with VARIABLE VOLTAGE TAPPING OF 10/5 watt	Nos	1822
R3-ME-12-10-r	Supply and installation of 25W recessed ceiling mount speaker with VARIABLE VOLTAGE TAPPING OF 25/15/10 watt	Nos	3454
R3-ME-12-10-f	Speaker wiring using 40/36 cable with PVC conduit	Mtr	107
R3-ME-12-10-g	Supply & installation of P.A. Cassette 160 watts Amplifier.	Nos	18578
R3-ME-12-10-h	Supply & installation of 16 channel zone control panel/ Zone selector to control the output of the amplifier.	Nos	7905
R3-ME-12-10-i	Supply & installation of 6W/100V wall mounting box speakers.	Nos	1667
R3-ME-12-10-j	Supply & installation of Unidirectional Dynamic Vocal & Speech Microphone	Nos	4176
R3-ME-12-10-k	Supply & installation of Microphone floor stand	Nos	1719
R3-ME-12-10-l	Wiring for speakers with 24/0.2 multicore twin twisted flexible copper.	Mtr	83
R3-ME-12-10-m	Supply & laying of PVC conduit for speaker wiring	Mtr	27
R3-ME-12-10-n	Supply and installation of 250 watts amplifier with USB	Nos	26621
R3-ME-12-10-s	Supply and installation of 16 channel zone selector	Nos	6943
R3-ME-12-10-t	Supply and installation of Booster amplifier 600W with all accessories.	Nos	40413
R3-ME-12-10-u	Supply and installation of Booster amplifier 500W with all accessories.	Nos	40413
R3-ME-12-10-v	Supply and installation of Booster amplifier 300W with all accessories.	Nos	23004
R3-ME-12-10-w	Supply and installation of Mixer amplifier 120W (4 channel input & 1 line level balanced output)	Nos	16763
R3-ME-12-10-o	Supply and installation of 40W RMS garden speaker with variable voltage tapping of 40/20/10/5W.	Nos	7785
<b>R3-ME-12-11</b>	<b>SITC OF LCD PROJECTOR</b>		
R3-ME-12-11-a	Projector, SVGA Resolution (1280 x 800 Pixel), 3300 Lumens, 13000 : 1 Contrast Ratio, HDMI Ports, USB ports, etc.	Nos	38668
R3-ME-12-11-b	Projector, SVGA Resolution (1024 x 768 Pixel), 3300 Lumens, 15000 : 1 Contrast Ratio, HDMI Ports, USB ports, etc.	Nos	44684
R3-ME-12-11-c	Projector, Full Hd Resolution (1920 x 1080 Pixels), 3200 Lumen, 15000 : 1 Contrast Ratio, 2 HDMI Ports, USB , 3D, Rugged design, etc.	Nos	128895
R3-ME-12-11-d	SITC of 84" Portable Indoor Outdoor Projector Screen, 84 Inch Diagonal Projection and Pull Up Foldable Stand Tripod.	Nos	11170
R3-ME-12-11-e	Ceiling bracket 1meter for projector including all fitting accessories.	Nos	430
<b>R3-ME-12-12</b>	<b>SITC OF SWITCH</b>		
R3-ME-12-12-a	8 Port Network Switch	Nos	1547

R3-ME-12-12-b	16 Port Network Switch	Nos	3780
<b>R3-ME-12-13</b>	<b>SITC OF CCTV</b>		
R3-ME-12-13-a	Supply, Installation, Testing & Commissioning of InfraRed Analog HD Dome camera, 1/3" CMOS image sensor, Fixed Lens: 3.6mm (2.8mm, 6mm & upto 12mm optional lens), Minimum 720 P lines horizontal resolution, IR Range upto 20m,1 channel BNC HDCVI high definition video output, Minimum Illumination: 0.05Lux/F2.0, 0Lux IR ON; Auto(ICR) / Color / B/W filter, Weatherproof Standard : IP67 and etc. to fullfill the requirement.	Nos	6015
R3-ME-12-13-b	Supply, Installation, Testing & Commissioning of InfraRed Analog HD Outdoor Bullet camera, 1/3" CMOS image sensor, Fixed Lens: 3.6mm (2.8mm, 6mm & upto 12mm optional lens), Minimum 720 P lines horizontal resolution, IR Range upto 20m,1 channel BNC HDCVI high definition video output, Minimum Illumination: 0.05Lux/F2.0, 0Lux IR ON; Auto(ICR) / Color / B/W filter and etc. to fullfill the requirement.	Nos	6531
R3-ME-12-13-c	Supply, Installation, Testing & Commissioning of Day & Night Analog HD PTZ CCTV Camera, 1/3" Progressive Scan CMOS image sensor, Minimum 720P lines horizontal resolution, 20x Optical and 12x Digital zoom , Pan: 360° endless, Tilt travel: - 15° ~ 90°, IR Range upto 100m, Up to 255 Presets, 8 Tour, 4 Pattern, Privacy Masking upto min. 8 area, Auto(ICR) / Color / B/W filter, BNC HDCVI high definition video output; Weatherproof Standard : IP67 and etc. to fullfill the requirement.	Nos	42965

R3-ME-12-13-f	<p>Supply, Installation, Testing &amp; Commissioning of HD Digital Video Recorder: 4 CHANNEL AHD front-end real-time encoding, 2 audio inputs and 1 audio outputs, Simultaneous live viewing, recording, playback, and remote streaming, VGA, HDMI, PTZ, USB Interface. 10/100Base-T Ethernet port for local or wide area network connection, RS485 serial port for serial communication to control movable cameras, Keyboard support including loop-through to other DVR's. 16:9 and 4:3 monitor aspect ratio displays for large-format monitor support. Full-screen, quad and multi-screen display capabilities in live and playback modes. Motion detection. Multiple search modes including smart search (search for motion within recorded images). Pan/tilt/zoom camera control via RS485/PTZ Interface. Local archiving via USB, Local archiving via built-in RW-DVD burner (specific models). Built-in web viewer for remote viewing, playback control, and configuration. Frame Per Second: Minimum 25 FPS. Hard disc : 4 SATA ports(4 HDDs or 3HDDs+1 CD/DVD-RW), up to 16TB, 1 eSATA port (Max 4 SATA HDDs), up to 16TB. As per storage configuration contractor shall consider the separate hard discs</p>	Nos	26811
R3-ME-12-13-g	<p>Supply, Installation, Testing &amp; Commissioning of HD Digital Video Recorder: 8 CHANNEL AHD front-end real-time encoding, 2 audio inputs and 1 audio outputs, Simultaneous live viewing, recording, playback, and remote streaming, VGA, HDMI, PTZ, USB Interface. 10/100Base-T Ethernet port for local or wide area network connection, RS485 serial port for serial communication to control movable cameras, Keyboard support including loop-through to other DVR's. 16:9 and 4:3 monitor aspect ratio displays for large-format monitor support. Full-screen, quad and multi-screen display capabilities in live and playback modes. Motion detection. Multiple search modes including smart search (search for motion within recorded images). Pan/tilt/zoom camera control via RS485/PTZ Interface. Local archiving via USB, Local archiving via built-in RW-DVD burner (specific models). Built-in web viewer for remote viewing, playback control, and configuration. Frame Per Second: Minimum 25 FPS. Hard disc : 4 SATA ports(4 HDDs or 3HDDs+1 CD/DVD-RW), up to 16TB, 1 eSATA port (Max 4 SATA HDDs), up to 16TB. As per storage configuration contractor shall consider the separate harddiscs.</p>	Nos	26811

R3-ME-12-13-h	Supply, Installation, Testing & Commissioning of HD Digital Video Recorder: 16 CHANNEL AHD front-end real-time encoding, 2 audio inputs and 1 audio outputs, Simultaneous live viewing, recording, playback, and remote streaming, VGA, HDMI, PTZ, USB Interface. 10/100Base-T Ethernet port for local or wide area network connection, RS485 serial port for serial communication to control movable cameras, Keyboard support including loop-through to other DVR's. 16:9 and 4:3 monitor aspect ratio displays for large-format monitor support. Full-screen, quad and multi-screen display capabilities in live and playback modes. Motion detection. Multiple search modes including smart search (search for motion within recorded images). Pan/tilt/zoom camera control via RS485/PTZ Interface. Local archiving via USB, Local archiving via built-in RW-DVD burner (specific models). Built-in web viewer for remote viewing, playback control, and configuration. Frame Per Second: Minimum 25 FPS. Hard disc : 4 SATA ports(4 HDDs or 3HDDs+1 CD/DVD-RW), up to 16TB, 1 eSATA port (Max 4 SATA HDDs), up to 16TB. As per storage configuration contractor shall consider the seperate harddiscs.	Nos	34371
R3-ME-12-13-i	SITC of 2TB Storage (HDD)	Nos	11444
R3-ME-12-13-j	SITC of 4TB Storage (HDD)	Nos	18605
R3-ME-12-13-k	SITC of 6TB Storage (HDD)	Nos	29345
R3-ME-12-13-l	SITC of 8TB Storage (HDD)	Nos	37981
R3-ME-12-13-m	Supply, Installation, Testing & Commissioning of IP Dome camera with 1/2.8" CMOS, Progressive Scan, HD 720P Horizontal Resolution, Dual H.264 streaming, 25 FPS, 2.8mm-10mm varifocal auto iris lens, 0.01 lux, Tamper detection, Wide dynamic Range, 3D Noise reduction, PoE & standard 12VDC/24VAC power input, Indoor surface mount enclosure, Mounted on True Ceiling / False ceiling as per site requirement (including required accessories), UL Listed Or Equivalent. Camera Shall be ONVIF compliant.	Nos	37981
R3-ME-12-13-n	Supply, Installation, Testing & Commissioning of IP Fixed Box/ Bullet camera with 1/2.8" CMOS, Progressive Scan, Day/Night, HD720P Horizontal Resolution, Dual H.264 streaming, 25 FPS, 2.8mm-10mm varifocal auto iris IR corrected megapixel lens, 0.05 lux Day/Night, Tamper detection, Wide dynamic Range, 3D Noise reduction, PoE & standard 12VDC/24VAC power input, IP66 rated vandal resistant enclosure, UL Listed Or Equivalent. Camera Shall be ONVIF compliant.	Nos	37981



R3-ME-12-13-o	Supply, Installation, Testing & Commissioning of IP PTZ camera with HD1080P 2.1MP Resolution, 20x optical zoom, 16X Digital zoom, Day/Night, Wide dynamic range, Dual H.264 streaming, 0.05 lux, vandal resistant, 360° continuous pan, -5° to +95° tilt, 300 preset, 4 tours, IP66 rated with built in heater and blower, Mounted on Wall/Pole as per site requirement (including required accessories), UL listed as per detailed specifications. Camera Shall be ONVIF compliant	Nos	214824
R3-ME-12-13-p	Design, Supply, testing, installation and commissioning of modular 16 channel 1080P NVR, Recording: 1920X1080P, 15 FPS, 30 days recording, 24 hours/day; Real time monitoring with 25 FPS. Hard disc : 8 SATA III Ports, Each 6TB, up to 48TB, 1 eSATA port, Disk array: Support RAID 0/1/5/6/10, Two no's of RJ -45 10/100/1000 Mbps self adaptive Ethernet interface, RS 232, RS 485, keyboard interfaces, VGA/HDMI compatible, 2nos front USB 2.0 & 1 no at rear USB 2.0 compatible & 8 TB hard disc and as per storage configuration contractor shall consider the separate hard discs	Nos	111039
R3-ME-12-13-q	Design, Supply, testing, installation and commissioning of modular 32 channel 1080P NVR, Recording: 1920X1080P, 15 FPS, 30 days recording, 24 hours/day; Real time monitoring with 25 FPS. Hard disc : 8 SATA III Ports, Each 6TB, up to 48TB, 1 eSATA port, Disk array: Support RAID 0/1/5/6/10, Two no's of RJ -45 10/100/1000 Mbps self adaptive Ethernet interface, RS 232, RS 485, keyboard interfaces, VGA/HDMI compatible, 2nos front USB 2.0 & 1 no at rear USB 2.0 compatible & 12 TB hard disc and as per storage configuration contractor shall consider the separate hard discs.	Nos	132995
R3-ME-12-13-r	Design, Supply, testing, installation and commissioning of modular 64 channel 1080P NVR, Recording: 1920X1080P, 15 FPS, 30 days recording, 24 hours/day; Real time monitoring with 25 FPS. Hard disc : 8 SATA III Ports, Each 6TB, up to 48TB, 1 eSATA port, Disk array: Support RAID 0/1/5/6/10, Two no's of RJ -45 10/100/1000 Mbps self adaptive Ethernet interface, RS 232, RS 485, keyboard interfaces, VGA/HDMI compatible, 2nos front USB 2.0 & 1 no at rear USB 2.0 compatible & 16 TB hard disc and as per storage configuration contractor shall consider the separate hard discs.	Nos	155052
R3-ME-12-13-s	Rebate of old Cameras / DVRs along with cables and accessories.	Nos	-1633

R3-ME-12-13-t	Supply, Installation, Testing & commissioning of 42inches LED monitor, Full HD Resolution, Backlight LED, Brightness : 400 NITS min., Contrast : 1200 : 1 or better., Power supply : 230 ±10%, 50 Hz.	Nos	77973
R3-ME-12-13-u	Supply, Installation, Testing & commissioning of Hot dipped galvanised, round shape steel pole for installation of PTZ Camera and Outdoor Dome Camera, length 6 meters, diameter 4 inches (Nominal bore) Medium class, ISIS marked to IS:1239 with latest amdts and with atleast 1 Meter below ground with grouting.	Nos	24060
R3-ME-12-13-v	SITC of 1IN/4OUT Video Splitter for additional viewing	Nos	10312
R3-ME-12-13-W	S & i of 16CH NVR with 2 HDD bays	NOS	66864
R3-ME-12-13-X	Supply & inst of 2 TB Hard Disk Drive	NOS	14831
R3-ME-12-13-Y	Supply & inst of 18.5" LED Monitor	NOS	6992
R3-ME-12-13-Z	Providing voice point	NOS	797
R3-ME-12-13-AA	Providing data point	NOS	797
R3-ME-12-13-AB	Providing 100 pair MDF	NOS	14220
<b>R3-ME-12-14</b>	<b>UPS</b>		
R3-ME-12-14-a	Supply, Installation, testing, commissioning, performance demonstration of 2 KVA UPS true online with 1 phase input, 1 phase output with back up batteries for 2 Hours backup along with rack & connectors.	Nos	92804
R3-ME-12-14-b	3 Ph input & 3 Ph output 15 kVA fully microprocessor based true online double conversion UPS system with tubular batteries suitable for 1/2 hrs along with necessary battery racks & interconnections & UPS to battery bank cables.	Nos	510317
R3-ME-12-14-c	Supply, Installation, testing, commissioning, performance demonstration of UPS 20kVA with 30 mints battery back-up 3 phase output	Nos	528640
R3-ME-12-14-d	3 Ph input & 3 Ph output 40 kVA fully microprocessor based true online double conversion UPS system with SMF batteries suitable for 1/2 hrs along with necessary battery racks & interconnections & UPS to battery bank cables.	Nos	807224
<b>R3-ME-12-15</b>	<b>Access Control System : Supply, Installation, Testing &amp; Commissioning of following equipments for access control system.</b>		
R3-ME-12-15-a	Supply, Installation, Testing & commissioning of Proximity card reader suitable for mounting on metal surface/metal frames/ wooden frames / wall or as required based on site conditions including all accessories.	Nos	11342

R3-ME-12-15-b	Supply, Installation, Testing & commissioning of Electromagnetic lock : Double leaf Door with feedback - 1200 LBS	Nos	12030
R3-ME-12-15-c	Supply, Installation, Testing & commissioning of Electromagnetic lock : Single leaf Door with feedback - 600 LBS	Nos	6015
R3-ME-12-15-d	Supply, Installation, Testing & commissioning of Exit switch: Heavy Duty SS Finish Push Button for Exit	Nos	1385
R3-ME-12-15-e	Supply, Installation, Testing & Commissioning of 2 Reader Access Control panel with required Power supply unit & Enclosure and Shall maintain a minimum of 25,000 access identity information and 1,00,000 transactions as minimum.	Nos	50355
R3-ME-12-15-f	Supply, Installation, Testing & commissioning of Time & Attendance software.	Nos	77336
R3-ME-12-15-g	Supply of 26-BIT proximity cards	Nos	344
R3-ME-12-15-h	Supply, Installation, Testing & commissioning of Access control management software(Single User)	Nos	68744
R3-ME-12-15-i	Supply, Installation, Testing & commissioning of Multizone door frame metal detector 6 Zone, Technology : Pulse induction, Walk-through Arch (Outer Frame) Dimensions (H X W X D) : 2200mm x 820mm x 570mm, Walk-through Arch (Inner Frame) Dimensions (H X W X D) : 2000mm x 720mm x 570mm, Detection Area (H X W X D) : 2000mm x 720mm x 570 mm, Detection Zones : Multiple Zones, Number Of Detection Zones : 6, Type Of Usage : Outdoor, "Construction Of Door Frame (Walk-through Arch)" : Light weight, rigid, laminated side panels and cross piece with ABS plastic boots for panel protection, Base Wheels For Easy Mobility, Floor Panel To Attach Both Side Panels To Give Stability & Rigidity To The Structure, Floor Panel - Covered With Synthetic Carpet For Long Life, Weather Proof, 6-8 Operational Frequency Range, 16 Number Of User Selectable Frequencies, Adjustable Sensitivity, 150 Number Of Sensitivity Levels / Steps, Ferrous, Non-Ferrous, Ferrite & Alloys Metals Which Can Be Detected, Audio-Visual Indication On Detection At Side Panels And Control Panel, LCD Back-lit Display, False Alarm Rate less than 3%, Capacity / Throughput Rate: 22 person/min	Nos	104834
R3-ME-12-15-A	Providing & laying UPVC 25mm thk pipes	FT	237
R3-ME-12-15-B	Supply and fixing of PVC 50mm thk Pipe	FT	245
R3-ME-12-15-C	Supply & fixing of Open Gate Valve	NOS	2288
R3-ME-12-15-D	P and f Angle cock at the below Sink	NOS	5085
R3-ME-12-15-E	P and f of heavy duty bottle trap all	NOS	5373
R3-ME-12-15-F	P and fi of heavy duty 4" Waste coupling	NOS	3379

R3-ME-12-15-G	Providing and fixing of WC-1 no	SET	78720
R3-ME-12-15-H	S&l of SS304 work bech 600 x 600x750 mm	NOS	59153
R3-ME-12-15-I	S&l of SS304 work bech 525 x 600 x 750mm	NOS	52948
R3-ME-12-15-J	S&l of SS304 work bech 648 x 600 x 750mm	NOS	54915
R3-ME-12-15-K	S&l of SS304 work bech 585 x 600 x 750mm	NOS	54661
R3-ME-12-15-L	S&l of SS304 work bech 950 x 950 x 750mm	NOS	46949
R3-ME-12-15-M	S&l of GI Powder coated work bench	NOS	43812
R3-ME-12-15-N	S&l of SS 304 Garment Cub with 4 nos	NOS	78051
R3-ME-12-15-O	S&l of SS 304 wash basin sink and tap	NOS	8220
R3-ME-12-15-P	S&l of SS 304 work bech (SS Work Top)	NOS	62203

**GROUP N – GYMNASIUM EQUIPMENTS**

<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-13-1</b>	<b>GYMNASIUM EQUIPMENTS (SP-ME-TS-43)</b>		
R3-ME-13-1-a	Sqat Rack	Nos	56858
R3-ME-13-1-b	Sqat Machine 110 Kg	Nos	91973
R3-ME-13-1-c	Leg Curl 50 Kg	Nos	85684
R3-ME-13-1-d	Leg extension 60 Kg	Nos	85684
R3-ME-13-1-e	45 Degree Leg Press (free Wts.)	Nos	101576
R3-ME-13-1-f	Leg Press Horizontal 100 Kg	Nos	92649
R3-ME-13-1-g	Hip Machine 60 Kg	Nos	90620
R3-ME-13-1-h	Inner Thigh 60 Kg	Nos	94678
R3-ME-13-1-i	Outer Thigh 60 Kg	Nos	94678
R3-ME-13-1-j	Inner & outer Thigh combo (60 + 60) Kg	Nos	131197
R3-ME-13-1-k	But Blaster 60 Kg	Nos	89674
R3-ME-13-1-l	Standing Calf 100 Kg	Nos	94678
R3-ME-13-1-m	Seated Calf	Nos	69926
R3-ME-13-1-n	Leg Extension & Leg Calf	Nos	104686
R3-ME-13-1-o	Lat Pully 80 Kg	Nos	104686
R3-ME-13-1-p	Seated Rowing 70 Kg	Nos	110909
R3-ME-13-1-q	Lat cum Rowing Pulley 80 Kg	Nos	62217
R3-ME-13-1-r	Peck Deck Machine 60 Kg	Nos	98600
R3-ME-13-1-s	Chest Press 60 Kg	Nos	78853
R3-ME-13-1-t	Bench Press 90 Kg	Nos	78853
R3-ME-13-1-u	Bench cum shoulder Press 90 Kg	Nos	89132
R3-ME-13-1-v	Shoulder Press 70 Kg	Nos	83722
R3-ME-13-1-w	Double Arm Pulley (50+50) Kg	Nos	92649
R3-ME-13-1-x	Bicep-Tricep Pulley 60 Kg	Nos	73173
R3-ME-13-1-y	Preacher Curl Machine 60 Kg	Nos	87915
R3-ME-13-1-z	Fore Arm machine 50 Kg	Nos	86277
R3-ME-13-1-aa	Smith M/C with Counter Weight	Nos	143234
R3-ME-13-1-ab	Cable Cross Over (50+50) Kg	Nos	143234
R3-ME-13-1-ac	Flat Bench	Nos	21505
R3-ME-13-1-ad	Incline bench with stand	Nos	47880
R3-ME-13-1-ae	Decline bench with stand	Nos	47880
R3-ME-13-1-af	Preacher Curl Bench	Nos	54102
R3-ME-13-1-ag	Abdominal Bench	Nos	50044
R3-ME-13-1-ah	Abdominal Crunch Bench	Nos	50044
R3-ME-13-1-ai	Hyper Extension Cum Roman chair	Nos	50044

R3-ME-13-1-aj	Ab Chair Parallel & Pull up Bar	Nos	57483
R3-ME-13-1-ak	Adjustable Bench	Nos	66004
R3-ME-13-1-al	T Bar	Nos	55725
R3-ME-13-1-am	M.S. Crome Dumbbells	Kg	520
R3-ME-13-1-an	M.S. Crome Weight plates	Kg	520
R3-ME-13-1-ao	Dumbbells Stand Two Tire	Nos	26645
R3-ME-13-1-ap	Weight Plate Stand	Nos	15148
R3-ME-13-1-aq	5 Station Multi Gym. 1- Leg Curl & Leg Extension 60 Kg. 2- Peck-Deck M/C 60 Kg 3-Bench cum Shoulder Press 90 Kg 4- Lat Pulley 75 Kg 5- Chin Up bar	Nos	324340
R3-ME-13-1-ar	6 Station Multi Gym 1- Leg Curl & Leg Extension 60 Kg. 2-Peck-Deck M/C 60 Kg 3-Bench cum Shoulder Press 90 Kg 4- Lat Pulley 75 Kg 5- Bicep Tricep Pulley 50 Kg 6- Chin Up bar	Nos	393590
R3-ME-13-1-as	8 Station Multi Gym. 1.Leg Curl & Leg Extension 60 Kg. 2-Peck-Deck M/C 60 Kg 3. Bench cum Shoulder Press 90 Kg 4- Lat Pulley 75 Kg 5- Bicep Tricep Pulley 50 Kg 6- Leg Press 90 Kg 7- Wrist Curl 50 Lg 8-Chin up Bar	Nos	520729
R3-ME-13-1-at	10 Station Multi Gym. 1- Leg Curl & Leg Extension 60 Kg. 2- Peck-Deck M/C 60 Kg 3-Bench cum Shoulder Press 90 Kg 4- Lat Pulley 75 Kg 5- Bicep Tricep Pulley 50 Kg 6- Leg Press 90 Kg 7- Wrist Curl 50 Lg 8- Hip Machine 60 Kg 9- Preacher Curl 60 Kg 10-Chin up Bar	Nos	624875
R3-ME-13-1-au	12 station Multi Gym.	Nos	756071
R3-ME-13-1-av	16 station Multi Gym.	Nos	941370
R3-ME-13-1-aw	Trade Mill Semi Commercial 1608, 2 HP Motor, 1.5 to 16 Km/hr, 12 Programmes 17 Hrs continuous use, Pulse, 18" Belt Width.	Nos	304322
R3-ME-13-1-ax	Trade Mill Semi Commercial 2400, 3 HP AC Motor, 1.5 to 24 Km/Hr.	Nos	309732
R3-ME-13-1-ay	Trade Mill Semi Commercial 2010, 3 HP AC Motor, 1.5 to 24 Km/Hr, 12 Programmes, 20" Belt Width	Nos	438224
R3-ME-13-1-az	Trade Mill, 3 HP AC Motor, 1.5 to 24 Km/Hr, 12 Programmes, 20" Belt width frame 100 X 50 MM, PULSE	Nos	662746
R3-ME-13-1-ba	Zig Zag Rod 5 feet (25mm Dia.)	Nos	11632
R3-ME-13-1-bb	Steel Rod 5 feet (25mm dia.)	Nos	11632
R3-ME-13-1-bc	Steel Rod 4 feet (25mm dia.)	Nos	8927
R3-ME-13-1-bd	Steel Rod 3 feet (25mm dia.)	Nos	7439
R3-ME-13-1-be	Mirror with frame (4ft x3ft)	Nos	14878
R3-ME-13-1-bf	MS Rod 1inch Dia. Chrome plated with lock	Nos	1488
R3-ME-13-1-bg	Mirror 6mm thick modi guard/siant gobain	FT	1150
R3-ME-13-1-bh	Rubber mat 2mm thick size 3x5 feet	SQF	8887
R3-ME-13-1-bi	Programmable upright cycle	Nos	215054

R3-ME-13-1-bj	Programmable Recumbent cycle	Nos	302970
R3-ME-13-1-bk	Non motorised treadmill without meter	Nos	60458
R3-ME-13-1-bl	Leather weight lifting belt	Nos	8521
R3-ME-13-1-bm	Rubberized dumbbells	KG	934
R3-ME-13-1-bn	Rubberized weight plate	Per KG	981
R3-ME-13-1-bo	Twister	Nos	27051
R3-ME-13-1-bp	Vibrator belt	Nos	81153
R3-ME-13-1-bq	Elliptical	Nos	335431
R3-ME-13-1-bu	Olympic rod 5 ft (48mm Dia)	Nos	20288
R3-ME-13-1-bv	Olympic rod 4 ft (48mm Dia)	Nos	16231
R3-ME-13-1-bw	Olympic rod 7 ft (48mm Dia)	Nos	28403
	<b>OPEN GYM EQUIPMENTS</b>		
R3-ME-13-1-bx	SS Multi Gym	NOS	388800
R3-ME-13-1-by	ABS Board	NOS	69633
R3-ME-13-1-bz	Aerial Stroller	NOS	93338
R3-ME-13-1-ca	Aero Rider	NOS	75559
R3-ME-13-1-cb	Back Extension	NOS	38224
R3-ME-13-1-cc	CHEST & SHOULDER COMBINATION	NOS	214825
R3-ME-13-1-cd	Chest Press Double	NOS	210084
R3-ME-13-1-ce	Circular Pull Up Station	NOS	113487
R3-ME-13-1-cf	DOUBLE BAR	NOS	33000
R3-ME-13-1-cg	Double Parallel Bar	NOS	48500
R3-ME-13-1-ch	Forearm Twirl	NOS	70200
R3-ME-13-1-ci	FOREARM TWIRL DOUBLE / TAICHI SP	NOS	88597
R3-ME-13-1-cj	HD HANGING WHEEL	NOS	69633
R3-ME-13-1-ck	Hip Twister	NOS	75000
R3-ME-13-1-cl	Hip Twister Double Circula	NOS	79707
R3-ME-13-1-cm	Hip Twister Triple	NOS	112302
R3-ME-13-1-cn	Leg Extension	NOS	64892
R3-ME-13-1-co	Leg Lift Post	NOS	64723
R3-ME-13-1-cp	Leg Press Single	NOS	48891
R3-ME-13-1-cq	Leg stretch	NOS	46563
R3-ME-13-1-cr	Seat and Paddle Bike	NOS	165697
R3-ME-13-1-cs	CROSS TRAINER /OVATE STEPPER	NOS	177549
R3-ME-13-1-ct	PEDALPUSH	NOS	114079
R3-ME-13-1-cu	Pull Up Station	NOS	78522
R3-ME-13-1-cv	Shoulder Exercise	NOS	128895
R3-ME-13-1-cw	Shoulder Exercise Double	NOS	174230
R3-ME-13-1-cx	Shoulder Twirl / Spinner	NOS	76500
R3-ME-13-1-cy	Shoulder Twirl Double	NOS	98100
R3-ME-13-1-cz	Single bar	NOS	24890

R3-ME-13-1-da	Sit Up Board	NOS	73781
R3-ME-13-1-db	Twist Pro	NOS	61929
R3-ME-13-1-dc	Sky Walker	NOS	162000
R3-ME-13-1-dd	3 IN 1 (AERIAL STROLLER + LEG PRESS + STANDING TWISTER)	NOS	194380
R3-ME-13-1-de	3 IN 1 (AERIAL STROLLER + LEG PRESS + SURF BOARD)	NOS	226678
R3-ME-13-1-df	3 IN 1 (AERIAL STROLLER + SURF BOARD + SHOULDER TWIRL)	NOS	235270
R3-ME-13-1-dg	6 IN 1 MULTIFIT (C CLASS) (IG & Y	NOS	737812



**GROUP O – PLAY APPARATUS**

<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-14-1</b>	<b>Play apparatus (SP-ME-TS-55)</b>		
R3-ME-14-1-a	Deluxe Slide 1.5 mtr	Nos	90576
R3-ME-14-1-b	Deluxe Slide 2.1 Mtr	Nos	98807
R3-ME-14-1-c	FRP / ROTO Wave Slide 1.5 mtr	Nos	100469
R3-ME-14-1-d	FRP / ROTO Wave Slide 2.1 mtr	Nos	129668
R3-ME-14-1-e	Animal Mgr	Nos	73733
R3-ME-14-1-f	FRP / ROTO Spiral Slide 2.1 mtr	Nos	319000
R3-ME-14-1-g	MetalRoller Slide 2.1 mtr	Nos	155888
R3-ME-14-1-h	Double Swing With Belt Assembly	Nos	55844
R3-ME-14-1-i	Multi Seater See Saw	Nos	43600
R3-ME-14-1-j	Double Arc Swing	Nos	73554
R3-ME-14-1-k	Toddler Swing	Nos	64106
R3-ME-14-1-l	FRP / ROTO DELUXE PLAIN SLIDE . 1.5 MTR	Nos	108782
R3-ME-14-1-m	FRP / ROTO DELUXE PLAIN SLIDE . 2.1 MTR	Nos	137554
R3-ME-14-1-n	FRP / ROTO DELUXE WAVE SLIDE . 1.5 MTR	Nos	124782
R3-ME-14-1-o	FRP / ROTO DELUXE WAVE SLIDE . 2.1 MTR	Nos	152554
R3-ME-14-1-p	Plaform MGR	Nos	89000
R3-ME-14-1-q	Mini Wave Slide 0.9 mtr	Nos	44803
R3-ME-14-1-r	Circular Swing	Nos	70000
R3-ME-14-1-s	Single Swing	Nos	47172
R3-ME-14-1-t	FRP / ROTO Roller Slide 1.5 mtr	Nos	180157
R3-ME-14-1-u	FRP / ROTO Roller Slide 2.1 mtr	Nos	213676
R3-ME-14-1-v	FRP / ROTO Spiral Slide 1.5 mtr	Nos	241909
R3-ME-14-1-w	Wide Slide ( S S) 1.2 Mtr	Nos	136500
R3-ME-14-1-x	Triple Wave Slide 1.5 mtr	Nos	240460
R3-ME-14-1-y	Triple Wave Slide 2.1 mtr	Nos	263572
R3-ME-14-1-z	Standard See Saw	Nos	34372
R3-ME-14-2-a	PUPPY see-saw	Nos	56242
R3-ME-14-2-b	WE See Saw	Nos	48200
R3-ME-14-2-c	Four Seater Mgr	Nos	78200
R3-ME-14-2-d	Garden Swing	Nos	140564
R3-ME-14-2-e	Deluxe Swing	Nos	89696
R3-ME-14-2-f	Garden Bench with Arm	Nos	13451
R3-ME-14-2-g	Garden Bench without Arm	Nos	13152
R3-ME-14-2-h	UMRELLA TABLE	Nos	94549
R3-ME-14-2-i	A To B Net Scrambler	Nos	80359

R3-ME-14-2-j	Net Rock Scrambler 1.5 mtr	Nos	84582
R3-ME-14-2-k	Net Rock Scrambler 2.1 mtr	Nos	98155
R3-ME-14-2-l	Rainbow Climber 1.5 mtr	Nos	35320
R3-ME-14-2-m	Rainbow Climber 2.1 mtr	Nos	47173
R3-ME-14-2-n	S Bridge Ladder Scrambler	Nos	73248
R3-ME-14-2-o	Spiral Scrambler 1.5 mtr	Nos	35320
R3-ME-14-2-p	Spiral Scrambler 2.1 mtr	Nos	44803
R3-ME-14-2-q	Mini Sunset Scrambler	Nos	75619
R3-ME-14-2-r	DISC BUCKET SWING	Nos	96092
R3-ME-14-2-s	Spring Rider Duck	Nos	37843
R3-ME-14-2-t	Spring Rider Jumbo	Nos	63766
R3-ME-14-2-u	Spring Rider Pony	Nos	37843
R3-ME-14-2-v	WALKING. BARREL - FRP / ROTO DRUM	Nos	82200
R3-ME-14-2-w	HOPPING PAD	Nos	59920
R3-ME-14-2-x	Crystal Maze	Nos	149103
R3-ME-14-2-y	Crawl Tube	Nos	92436
R3-ME-14-2-z	ARC NET SCRAMBLER WITH SWING SET 4	Nos	941854
R3-ME-14-3-a	We-Saw	Nos	78226
R3-ME-14-3-b	sky rocker	Nos	46058
R3-ME-14-3-c	TURBO TOWER	Nos	78550
R3-ME-14-3-d	MULTI PURPOSE SCRAMBLER SET 1	Nos	1151205
R3-ME-14-3-f	MULTI PURPOSE SCRAMBLER SET 2	Nos	871750
R3-ME-14-3-g	MULTI PURPOSE SCRAMBLER SET 3	Nos	429935
R3-ME-14-3-e	MULTI PURPOSE SCRAMBLER SET-4	Nos	402490
R3-ME-14-3-h	Rubber Flooring EPDM 36 mm (6 mm EPDM 30 mm Scrubber) without PCC - per sq mtr	Nos	14372
R3-ME-14-3-i	Rubber Flooring EPDM 36 mm (6 mm EPDM 30 mm Scrubber) with PCC (100 mm) - Per Sq.Mtr	Nos	25746
R3-ME-14-3-j	ARTIFICIAL GRASS 35 MM without PCC - per sq mtr	Nos	4119
R3-ME-14-3-k	ARTIFICIAL GRASS 35 MM with PCC (100 mm) - Per Sq.Mtr	Nos	14339
	<b>MULTI ACTIVITY PLAY SYSTEMS - ASSEMBLY</b>		
R3-ME-14-4-a	MULTI ACTIVITY PLAY SYSTEMS - SQUARE DECK 0.9 MTR	Nos	102858
R3-ME-14-4-b	MULTI ACTIVITY PLAY SYSTEMS - SQUARE DECK 1.5MTR	Nos	112207
R3-ME-14-4-c	MULTI ACTIVITY PLAY SYSTEMS - SQUARE DECK 2.1 MTR	Nos	127166
R3-ME-14-4-d	MULTI ACTIVITY PLAY SYSTEMS - SQUARE DECK 2.7 MTR	Nos	149608
R3-ME-14-4-e	MULTI ACTIVITY PLAY SYSTEMS - HEXAGONAL Deck 0.9 MTR	Nos	130908
R3-ME-14-4-f	MULTI ACTIVITY PLAY SYSTEMS - HEXAGONAL Deck 1.5 MTR	Nos	147306
R3-ME-14-4-g	MULTI ACTIVITY PLAY SYSTEMS - HEXAGONAL Deck 2.1 MTR	Nos	172582
R3-ME-14-4-h	MULTI ACTIVITY PLAY SYSTEMS - HEXAGONAL Deck 2.7 MTR	Nos	193341
R3-ME-14-4-i	MULTI ACTIVITY PLAY SYSTEMS - OCTAGONAL DECK 0.9 MTR	Nos	161000
R3-ME-14-4-j	MULTI ACTIVITY PLAY SYSTEMS - OCTAGONAL DECK 2.7 MTR	Nos	225776

R3-ME-14-4-k	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO STAIRECASE 0.9 Mtr	Nos	65470
R3-ME-14-4-l	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO Plain Bridge - 2.4 Mtr - Length	Nos	117329
R3-ME-14-4-m	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO Tunnel - 2.4 Mtr - Length	Nos	163447
R3-ME-14-4-n	MULTI ACTIVITY PLAY SYSTEMS - Swinging Bridge - 2.4 Mtr - Length	Nos	105992
R3-ME-14-4-o	MULTI ACTIVITY PLAY SYSTEMS - Curve Bridge - 2.4 Mtr - Length	Nos	63309
R3-ME-14-4-p	MULTI ACTIVITY PLAY SYSTEMS - BOWL SLIDE	Nos	65453
R3-ME-14-4-q	MULTI ACTIVITY PLAY SYSTEMS - Cross-N-Zero:	Nos	12660
R3-ME-14-4-r	MULTI ACTIVITY PLAY SYSTEMS - Double Swing With Belt Assembly	Nos	48053
R3-ME-14-4-s	MULTI ACTIVITY PLAY SYSTEMS - Single Swing With Belt Assembly	Nos	37419
R3-ME-14-4-t	MULTI ACTIVITY PLAY SYSTEMS - Wave Slide 1.5 Mtr .	Nos	76152
R3-ME-14-4-u	MULTI ACTIVITY PLAY SYSTEMS - Wave Slide 2.1 Mtr .	Nos	98973
R3-ME-14-4-v	MULTI ACTIVITY PLAY SYSTEMS - Spiral Slide 1.5 Mtr .	Nos	147306
R3-ME-14-4-w	MULTI ACTIVITY PLAY SYSTEMS - Spiral Slide 2.1 Mtr .	Nos	194851
R3-ME-14-4-x	MULTI ACTIVITY PLAY SYSTEMS - Spiral Slide 2.7 Mtr .	Nos	222685
R3-ME-14-4-y	MULTI ACTIVITY PLAY SYSTEMS - Curve Slide 1.5 Mtr	Nos	167015
R3-ME-14-5-a	MULTI ACTIVITY PLAY SYSTEMS - Mini Tube Slide 1.5 Mtr.	Nos	41168
R3-ME-14-5-b	MULTI ACTIVITY PLAY SYSTEMS - Roller Slide 1.5 Mtr.	Nos	83179
R3-ME-14-5-c	MULTI ACTIVITY PLAY SYSTEMS - Roller Slide 2.1 Mtr.	Nos	113270
R3-ME-14-5-d	MULTI ACTIVITY PLAY SYSTEMS - Mini Wave Slide 0.9 Mtr	Nos	36156
R3-ME-14-5-e	MULTI ACTIVITY PLAY SYSTEMS - Double FRP / ROTO Roller Slide 1.5 Mtr	Nos	152170
R3-ME-14-5-f	MULTI ACTIVITY PLAY SYSTEMS - Double FRP / ROTO Roller Slide 2.1 Mtr	Nos	177659
R3-ME-14-5-g	MULTI ACTIVITY PLAY SYSTEMS - Single FRP / ROTO Roller Slide 1.5 MTR	Nos	100833
R3-ME-14-5-h	MULTI ACTIVITY PLAY SYSTEMS - Single FRP / ROTO Roller Slide 2.1 MTR	Nos	133131
R3-ME-14-5-i	MULTI ACTIVITY PLAY SYSTEMS - Straight Curve Slide 2.1 Mtr	Nos	132577
R3-ME-14-5-j	MULTI ACTIVITY PLAY SYSTEMS - Double Arch Swing	Nos	58954
R3-ME-14-5-k	MULTI ACTIVITY PLAY SYSTEMS - Spiral Climber 1.5 Mtr	Nos	22255
R3-ME-14-5-l	MULTI ACTIVITY PLAY SYSTEMS - SPIRAL CLIMBER 2.1MTR	Nos	33389
R3-ME-14-5-m	MULTI ACTIVITY PLAY SYSTEMS - Rock Climber1.5 Mtr	Nos	58463
R3-ME-14-5-n	MULTI ACTIVITY PLAY SYSTEMS - Rock Climber 2.1 Mtr	Nos	73078
R3-ME-14-5-o	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO LADDER 1.5 MTR	Nos	46032
R3-ME-14-5-p	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO LADDER 2.1 MTR	Nos	57083

R3-ME-14-5-q	MULTI ACTIVITY PLAY SYSTEMS - Split Level Ladder	Nos	38235
R3-ME-14-5-r	MULTI ACTIVITY PLAY SYSTEMS - RAINBOW Ladder 1.5 mtr	Nos	20155
R3-ME-14-5-s	MULTI ACTIVITY PLAY SYSTEMS - RAINBOW Ladder 2.1 mtr	Nos	34100
R3-ME-14-5-t	MULTI ACTIVITY PLAY SYSTEMS - Net Climber 0.9 Mtr	Nos	49300
R3-ME-14-5-u	MULTI ACTIVITY PLAY SYSTEMS - Net Climber 1.5 Mtr	Nos	53558
R3-ME-14-5-v	MULTI ACTIVITY PLAY SYSTEMS - Net Climber 2.1 Mtr	Nos	68510
R3-ME-14-6-a	MULTI ACTIVITY PLAY SYSTEMS - sky rocker	Nos	42987
R3-ME-14-6-b	MULTI ACTIVITY PLAY SYSTEMS - Multi Seater See Saw	Nos	45512
R3-ME-14-6-c	MULTI ACTIVITY PLAY SYSTEMS - Standard See Saw	Nos	42965
R3-ME-14-6-d	MULTI ACTIVITY PLAY SYSTEMS - Conical Pad Ladder (0.9 Mtr)	Nos	35711
R3-ME-14-6-e	MULTI ACTIVITY PLAY SYSTEMS - SLIDE ENTRY	Nos	25778
R3-ME-14-6-f	MULTI ACTIVITY PLAY SYSTEMS - Curve Bridge With Railing (2.4 Mtr)	Nos	60027
R3-ME-14-6-g	MULTI ACTIVITY PLAY SYSTEMS - Fireman Pole	Nos	20562
R3-ME-14-6-h	MULTI ACTIVITY PLAY SYSTEMS - Platform Ext. For Spiral Slide	Nos	16702
R3-ME-14-6-i	MULTI ACTIVITY PLAY SYSTEMS - Spiral Slide's Ext. Landing	Nos	16832
R3-ME-14-6-j	MULTI ACTIVITY PLAY SYSTEMS - Spiral Slide' S Umbrella	Nos	14960
R3-ME-14-6-k	MULTI ACTIVITY PLAY SYSTEMS - Egal	Nos	12788
R3-ME-14-6-l	MULTI ACTIVITY PLAY SYSTEMS - Arc frame canopy	Nos	14615
R3-ME-14-6-m	MULTI ACTIVITY PLAY SYSTEMS - FRP/ROTO wind mill	Nos	12591
R3-ME-14-6-n	MULTI ACTIVITY PLAY SYSTEMS - FRP/ROTO Fan	Nos	12191
R3-ME-14-6-o	MULTI ACTIVITY PLAY SYSTEMS - Plain Bridge Railing	Nos	59384
R3-ME-14-6-p	MULTI ACTIVITY PLAY SYSTEMS - 0.9 MTR Straight Tube Slide With Slide Entry	Nos	111343
R3-ME-14-6-q	MULTI ACTIVITY PLAY SYSTEMS - 1.5 MTR Straight Tube Slide With Slide Entry	Nos	151853
R3-ME-14-6-r	MULTI ACTIVITY PLAY SYSTEMS - 2.1 MTR Straight Tube Slide With Slide Entry	Nos	155973
R3-ME-14-6-s	MULTI ACTIVITY PLAY SYSTEMS - 2.7 MTR Straight Tube Slide With Slide Entry	Nos	175934
R3-ME-14-6-t	MULTI ACTIVITY PLAY SYSTEMS - 1.5 MTR Straight Slide With Slide Entry	Nos	78625
R3-ME-14-6-u	MULTI ACTIVITY PLAY SYSTEMS - 1.5 MTR Spiral Tube Slide With Slide Entry	Nos	172237
R3-ME-14-6-v	MULTI ACTIVITY PLAY SYSTEMS - 2.1 MTR Spiral Tube Slide With Slide Entry	Nos	210648
R3-ME-14-6-w	MULTI ACTIVITY PLAY SYSTEMS - 1.5 MTR Spiral Slide With Slide Entry	Nos	172237
R3-ME-14-6-x	MULTI ACTIVITY PLAY SYSTEMS - 1.5 MTR Wave Slide With Slide Entry	Nos	74692
R3-ME-14-6-Y	MULTI ACTIVITY PLAY SYSTEMS - Vertical Loop Climber . 0.9 Mtr.	Nos	46200

R3-ME-14-7-a	MULTI ACTIVITY PLAY SYSTEMS - Vertical Loop Climber .1.5 Mtr.	Nos	56710
R3-ME-14-7-b	MULTI ACTIVITY PLAY SYSTEMS - Vertical Loop Climber . 2.1 Mtr.	Nos	50972
R3-ME-14-7-c	MULTI ACTIVITY PLAY SYSTEMS - Triangular Deck 2.1 Mtr.	Nos	63837
R3-ME-14-7-d	MULTI ACTIVITY PLAY SYSTEMS - Octagonal Deck 1.5 Mtr.	Nos	205712
R3-ME-14-7-e	MULTI ACTIVITY PLAY SYSTEMS - Octagonal Deck 2.1 Mtr.	Nos	222276
R3-ME-14-7-f	MULTI ACTIVITY PLAY SYSTEMS - VERTICAL NET ASSEMBLY 1.5 MTR	Nos	72921
R3-ME-14-7-g	MULTI ACTIVITY PLAY SYSTEMS - VERTICAL NET ASSEMBLY 2.1 MTR	Nos	63442
R3-ME-14-7-h	MULTI ACTIVITY PLAY SYSTEMS - VERTICAL NET ASSEMBLY 3 MTR	Nos	145800
R3-ME-14-7-i	MULTI ACTIVITY PLAY SYSTEMS - FRP /ROTO RAILING BIG	Nos	14615
R3-ME-14-7-j	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO RAILING SLIM	Nos	4725
R3-ME-14-7-k	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO RAILING SMALL	Nos	8236
R3-ME-14-7-l	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO GEOMATRICAL RAILLING	Nos	38675
R3-ME-14-7-m	MULTI ACTIVITY PLAY SYSTEMS - RAINDEER	Nos	23937
R3-ME-14-7-n	MULTI ACTIVITY PLAY SYSTEMS - Circular Swing	Nos	94103
R3-ME-14-7-o	MULTI ACTIVITY PLAY SYSTEMS - CONECTING SLANT LADDER	Nos	72000
R3-ME-14-7-p	MULTI ACTIVITY PLAY SYSTEMS - CONECTING SLANT LADDER-RAILING	Nos	31500
R3-ME-14-7-q	MULTI ACTIVITY PLAY SYSTEMS - SNAKE LADDER 1.5MTR	Nos	35490
R3-ME-14-8-a	MULTI ACTIVITY PLAY SYSTEMS - SNAKE LADDER 2.1 MTR	Nos	51071
R3-ME-14-8-c	MULTI ACTIVITY PLAY SYSTEMS - Rubber Net Climber - 1.5 MTR	Nos	83871
R3-ME-14-8-d	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO ROCK SCRAMBLER 1.5 MTR	Nos	98850
R3-ME-14-8-e	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO STRAIGHT JOINING SLIDE 1.5 MTR	Nos	88550
R3-ME-14-8-f	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO DELUXE PLAIN SLIDE 1.5 MTR	Nos	99800
R3-ME-14-8-g	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO DELUXE PLAIN SLIDE 2.1 MTR	Nos	108914
R3-ME-14-8-h	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO DELUXE WAVE SLIDE 1.5 MTR	Nos	94782
R3-ME-14-8-i	MULTI ACTIVITY PLAY SYSTEMS - FRP / ROTO DELUXE WAVE SLIDE 2.1 MTR	Nos	120450
R3-ME-14-9-a	ALL SWING - PAINTING	Nos	14281
R3-ME-14-9-b	ALL STD, SEE SAW - PAINTING	Nos	5355
R3-ME-14-9-c	ALL MULTY SEATER SEE – SAW - PAINTING	Nos	7141
R3-ME-14-9-d	ALL MERRY GO ROUND - PAINTING	Nos	10175

R3-ME-14-9-e	ALL SATELLITE SCRAMBLER - PAINTING	Nos	16065
R3-ME-14-9-f	ALL NET CLIMBER - PAINTING	Nos	11960
R3-ME-14-9-g	SWAN SLIDE - PAINTING	Nos	18961
R3-ME-14-9-h	ELEPHANT SLIDE - PAINTING	Nos	22112
R3-ME-14-9-i	ALL SLIDE - PAINTING	Nos	13209
R3-ME-14-9-j	ALL BENCH - PAINTING	Nos	6069
R3-ME-14-9-k	ALL BALANCING BRIDGE - PAINTING	Nos	15173
R3-ME-14-9-l	CIRCULER HORIZONTAL CLIMBER - PAINTING	Nos	22421
R3-ME-14-9-m	ALL CLIMBER - PAINTING	Nos	22421
R3-ME-14-9-n	ALL WALKING. BARREL - PAINTING	Nos	8925
R3-ME-14-9-o	ALL CROSS & ZERO - PAINTING	Nos	4998
R3-ME-14-9-p	ALL COMBINATION SET - PAINTING	Nos	7141
R3-ME-14-9-q	ALL SPRING RIDER - PAINTING	Nos	4106
R3-ME-14-9-r	SQUARE JUNGLE GYM - PAINTING	Nos	21005
R3-ME-14-9-s	MULTI ACTIVITY PLAY SYSTEMS - MAPS - PAINTING SQUARE DECK 1 NOS	Nos	25987
R3-ME-14-9-t	MULTI ACTIVITY PLAY SYSTEMS - MAPS - PAINTING HEXAGONAL DECK 1 NOS	Nos	46881
R3-ME-14-9-u	MULTI ACTIVITY PLAY SYSTEMS - MAPS - PAINTING OCTAGONAL DECK 1 NOS	Nos	66248
R3-ME-14-9-v	MULTI ACTIVITY PLAY SYSTEMS - ALL TYPE SWING - PAINTING	Nos	14136
R3-ME-14-9-w	MULTI ACTIVITY PLAY SYSTEMS - ALL TYPE SLIDE - PAINTING	Nos	16688
R3-ME-14-9-x	MULTI ACTIVITY PLAY SYSTEMS - ALL TYPE SCRAMBLER - PAINTING	Nos	19633
R3-ME-14-9-y	ALL MULTI ACTIVITY PLAY SYSTEMS - PAINTING	Nos	39270

<b>GROUP Q – FIRE FIGHTING SYSTEM</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>FF</b>	<b>Fire fighting System (SP-ME-TS-64)</b>		
<b>R3-ME-15-1</b>	<b>Main Fire Pump</b>		
R3-ME-15-1-a	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 1620 LPM (Litres/min.) at 56m centrifugal type pump	Nos	130079
R3-ME-15-1-b	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 2280 LPM (Litres/min.) at 70m centrifugal type pump	Nos	255441
R3-ME-15-1-c	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 2820 LPM (Litres/min.) at 70 m centrifugal type pump	Nos	298194
R3-ME-15-1-d	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 2820 LPM (Litres/min.) at 88m centrifugal type pump	Nos	381227
R3-ME-15-1-e	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 4560 LPM (Litres/min.) at 70m centrifugal type pump	Nos	703449
R3-ME-15-1-f	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 4560 LPM (Litres/min.) at 88m centrifugal type pump	Nos	744209
R3-ME-15-1-g	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 6840 LPM (Litres/min.) at 70m centrifugal type pump	Nos	1363785
R3-ME-15-1-h	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 6840 LPM (Litres/min.) at 88m centrifugal type pump	Nos	1593478
R3-ME-15-1-i	Supplying and installing, testing, perfect aligning and proper leveling and commissioning of fire service main pump, of 6840 LPM (Litres/min.) at 105m centrifugal type pump	Nos	1706480
<b>R3-ME-15-2</b>	<b>Jockey Pump</b>		
R3-ME-15-2-a	SITC of Jockey Pump of 240 LPM at 56 m head,	Nos	95751
R3-ME-15-2-b	SITC of Jockey Pump of 240 LPM at 70 m head,	Nos	106121
R3-ME-15-2-c	SITC of Jockey Pump of 240 LPM at 88m head,	Nos	125090
R3-ME-15-2-d	SITC of Jockey Pump of 240 LPM at 105m head,	Nos	189622
<b>R3-ME-15-3</b>	<b>Booster Pump</b>		
R3-ME-15-3-a	SITC of Booster Pump of 450 LPM at 70 m head	Nos	81147
R3-ME-15-3-b	SITC of Booster Pump of 450 LPM at 88 m head	Nos	82057

R3-ME-15-3-c	SITC of Booster Pump of 450 LPM at 35 m head	Nos	41816
R3-ME-15-3-d	SITC of Booster Pump of 468 LPM at 40m head	Nos	55229
<b>R3-ME-15-4</b>	<b>Foot Valve: Supplying and installing cast iron foot valve ball type/flap type with strainer for negative suction</b>		
R3-ME-15-4-a	Foot Valve 80 mm	Nos	5118
R3-ME-15-4-b	Foot Valve 100 mm	Nos	7144
R3-ME-15-4-c	Foot Valve 150 mm	Nos	11772
R3-ME-15-4-d	Foot Valve 200 mm	Nos	30865
<b>R3-ME-15-5</b>	<b>End line strainer: Supplying and installing end line strainer for +ve suction</b>		
R3-ME-15-5-a	End line strainer 80 mm	Nos	8135
R3-ME-15-5-b	End line strainer 100 mm	Nos	10284
R3-ME-15-5-c	End line strainer 150 mm	Nos	17031
R3-ME-15-5-d	End line strainer 200 mm	Nos	27885
<b>R3-ME-15-6</b>	<b>Butterfly Valve: Supplying &amp; Installing cast iron double flange butterfly valve</b>		
R3-ME-15-6-a	Supplying & Installing cast iron double flange butterfly valve 80 mm	Nos	3860
R3-ME-15-6-b	Supplying & Installing cast iron double flange butterfly valve 100 mm	Nos	5317
R3-ME-15-6-c	Supplying & Installing cast iron double flange butterfly valve 150 mm	Nos	8404
R3-ME-15-6-d	Supplying & Installing cast iron double flange butterfly valve 200 mm	Nos	11489
<b>R3-ME-15-7</b>	<b>Non Return Valves (NRV): Supplying and installing double flange NRV</b>		
R3-ME-15-7-a	Supplying and installing double flange NRV 80 mm	Nos	9614
R3-ME-15-7-b	Supplying and installing double flange NRV 100 mm	Nos	13067
R3-ME-15-7-c	Supplying and installing double flange NRV 150 mm	Nos	21556
R3-ME-15-7-d	Supplying and installing double flange NRV 200 mm	Nos	35021
<b>R3-ME-15-8</b>	<b>Hydrant Valves (HV)</b>		
R3-ME-15-8-a	Supplying and installing gun metal single outlet hydrant valve fitted with necessary accessories	Nos	10092
R3-ME-15-8-b	Supplying and installing gun metal Double outlet hydrant valve fitted with necessary accessories	Nos	20611
R3-ME-15-8-c	S & I Stainless Steel single outlet hydrant valve fitted with necessary accessories	Nos	1438
R3-ME-15-8-d	S & I Stainless Steel Double outlet hydrant valve fitted with necessary accessories	Nos	2084
<b>R3-ME-15-9</b>	<b>Sluice Valve</b>		
R3-ME-15-9-a	Supplying and installing cast iron double flange sluice valve 75/80 mm dia.	Nos	9054



R3-ME-15-9-b	Supplying and installing cast iron double flange sluice valve 100 mm dia.	Nos	9772
R3-ME-15-9-c	Supplying and installing cast iron double flange sluice valve 150 mm dia.	Nos	15592
R3-ME-15-9-d	Supplying and installing cast iron double flange sluice valve 200 mm dia.	Nos	23712
<b>R3-ME-15-10</b>	<b>Gate / Wheel Valves (GV)</b>		
R3-ME-15-10-a	Supplying & installing gun metal gate valve of size 20mm dia	Nos	431
R3-ME-15-10-b	Supplying & installing gun metal gate valve of size 25mm dia	Nos	575
R3-ME-15-10-c	Supplying & installing gun metal gate valve of size 50mm dia	Nos	718
<b>R3-ME-15-11</b>	<b>Hose</b>		
R3-ME-15-11-a	Providing and fixing in position 2 lengths of 15 M long flexible canvas rubber lined hose reels 63 dia with adapter, branch pipe and nozzle and storing them in metal cabinets with lockable glass shutters and fixing the metal cabinet at ground level in a location where it can be easily spotted including painting etc	Nos	12776
R3-ME-15-11-b	Providing and fixing in position 2 lengths of 15 M long controlled percolation hose reels 63 dia with adapter, branch pipe and nozzle and stroking them in metal cabinets with lockable glass shutters and fixing the metal cabinet at ground level in a location where it can be easily spotted including painting etc.	Nos	12776
R3-ME-15-11-c	Supplying & erecting high pressure poly propylene hose pipe 19 mm dia with 30 mtrs rolls. Complete as per specification	Nos	5030
R3-ME-15-11-d	Supplying & erecting high pressure thermo plastic hose pipe 19 mm dia with 30 mtrs roll complete as per specification	Nos	5030
<b>R3-ME-15-12</b>	<b>Nozzles (NZ)</b>		
R3-ME-15-12-a	Supplying G.M. branch pipe of 63 mm $\varnothing$ fitted with 20 mm $\varnothing$ detachable hexagonal nozzle	Nos	2952
R3-ME-15-12-b	Supplying Stainless Steel branch Pipe 63 mm $\varnothing$ fitted with 20 mm dia detachable hexagonalnozzle as per specifications	Nos	4886
R3-ME-15-12-c	Supplying & erecting Gun Metal Chrome plated Nozzle, 19 mm $\varnothing$ complete as per specification	Nos	2156
<b>R3-ME-15-13</b>	<b>Pressure Gauge</b>		
R3-ME-15-13-a	Supplying and installing pressure gauge of 100 mm $\varnothing$ ., 0-300 PSI or 0- 14 kg per cm square fitted with 12/15 mm $\varnothing$ . pad cock valve, and G.I. pipe, elbow etc	Nos	3690
<b>R3-ME-15-14</b>	<b>Orifice Plate</b>		

R3-ME-15-14-a	Supplying and erecting one no. Brass orifice plate having 6 mm. thickness, 140 mm outer dia of 140 mm at every single outlet hydrant valve	Nos	1627
R3-ME-15-14-b	Supplying and erecting one no. Brass orifice plate having 6 mm. thickness, 160 mm outer dia of 160 mm at every single outlet hydrant valve	Nos	2311
<b>R3-ME-15-15</b>	<b>G.I. Pipes: Providing and fixing in position G.I. Heavy grade 'C' class pipes (I.S. 1239 part I) with necessary clamping to wall beams and ceilings with hangers and clamps anchor fasteners wherever required to firmly support piping,</b>		
R3-ME-15-15-a	Providing and fixing in position G.I. Heavy grade 'C' class pipes 150 mm	Mtr	2861
R3-ME-15-15-b	Providing and fixing in position G.I. Heavy grade 'C' class pipes 100 mm	Mtr	1945
R3-ME-15-15-c	Providing and fixing in position G.I. Heavy grade 'C' class pipes 80 mm	Mtr	1400
R3-ME-15-15-d	Providing and fixing in position G.I. Heavy grade 'C' class pipes 65 mm	Mtr	1141
R3-ME-15-15-e	Providing and fixing in position G.I. Heavy grade 'C' class pipes 50 mm	Mtr	914
R3-ME-15-15-f	Providing and fixing in position G.I. Heavy grade 'C' class pipes 40 mm	Mtr	678
R3-ME-15-15-g	Providing and fixing in position G.I. Heavy grade 'C' class pipes 32 mm	Mtr	577
R3-ME-15-15-h	Providing and fixing in position G.I. Heavy grade 'C' class pipes 25 mm	Mtr	507
R3-ME-15-15-i	Providing and fixing in position G.I. Heavy grade 'C' class pipes 200 mm	Mtr	4239
R3-ME-15-15-j	Providing and fixing in position G.I. Heavy grade 'C' class pipes 250 mm	Mtr	6396
R3-ME-15-15-k	Providing and fixing in position G.I. Heavy grade 'C' class pipes 300 mm	Mtr	7437
<b>R3-ME-15-16</b>	<b>Providing and fixing in position MS Heavy grade 'C' class pipes (I.S. 1239 part I) with necessary clamping to wall beams and ceilings with hangers and clamps anchor fasteners wherever required to firmly support piping,</b>		
R3-ME-15-16-a	Providing and fixing in position MS Heavy grade 'C' class pipes 15 mm	Mtr	212
R3-ME-15-16-b	Providing and fixing in position MS Heavy grade 'C' class pipes 20 mm	Mtr	305
R3-ME-15-16-c	Providing and fixing in position MS Heavy grade 'C' class pipes 25 mm	Mtr	405

R3-ME-15-16-d	Providing and fixing in position MS Heavy grade 'C' class pipes 32 mm	Mtr	512
R3-ME-15-16-e	Providing and fixing in position MS Heavy grade 'C' class pipes 40 mm	Mtr	585
R3-ME-15-16-f	Providing and fixing in position MS Heavy grade 'C' class pipes 50 mm	Mtr	804
R3-ME-15-16-g	Providing and fixing in position MS Heavy grade 'C' class pipes 65 mm	Mtr	1015
R3-ME-15-16-h	Providing and fixing in position MS Heavy grade 'C' class pipes 80 mm	Mtr	1221
R3-ME-15-16-i	Providing and fixing in position MS Heavy grade 'C' class pipes 100 mm	Mtr	1700
R3-ME-15-16-j	Providing and fixing in position MS Heavy grade 'C' class pipes 125 mm	Mtr	2104
R3-ME-15-16-k	Providing and fixing in position MS Heavy grade 'C' class pipes 150 mm	Mtr	2588
	<b>Fire fighting Accessories</b>		
	<b>Priming Tank</b>		
R3-ME-15-17	Supplying & installing moulded HDP / Fibre water tank. for -ve suction only, having capacity 1000 ltrs.fitted with necessary accessories complete as per specification	Nos	20119
	<b>Hose Reel with Drum(HR)</b>		
R3-ME-15-18	Supplying and installing wall mounting swinging Hose reel drum fitted with 19 mm dia. 30m high pressure polypropylene (Polyhose) long fitted with necessary accessories complete as per specification	Nos	12215
	<b>Fire brigade connection (FBC)</b>		
R3-ME-15-19	Supplying and installing fire brigade Header of 150 mm Ø, for supplying water in fire tank as per specification	Nos	10059
	<b>SIAMESE</b>		
R3-ME-15-20	Supplying and installing fire brigade Header (Siamese Connection) of 150 mm Ø for supplying water to wet riser system as per specification	Nos	10779
	<b>Air Cushion Tank (Air Vessel) (ACT)</b>		
R3-ME-15-21	Supplying and installing Air Vessel of 300 mm Ø 1.5m in height M.S. tank installed inside pump house as per specification	Nos	20838
	<b>Air Release Valve (ARV)</b>		

R3-ME-15-22	Supplying and erecting 20/25mm Ø G.M.air release cock, with necessary G.I. coupling to be fitted on top of Air vessel or on wet riser as per specification	Nos	1508
	<b>Pressure Switch (PS)</b>		
R3-ME-15-23	Supplying and installing pressure switch with 12/15 mm Ø isolation valve, G.I. nipple, elbow etc. in an approved manner as per specification	Nos	8407
<b>R3-ME-15-24</b>	<b>MS/CRCA Boxes (BOX)</b>		
R3-ME-15-24-a	Supplying and erecting M.S./CRCA cabinet for housing single hydrant valve (size 400 x 400 x 400mm.) made from 16 SWG sheet and angle iron 25 mm. x 25 mm. x 4 mm. having front doors with viewing glass (8"x6") and locking arrangement with necessary fixing material such as rubber bidding etc. duly painted in post box red colour	Nos	20119
R3-ME-15-24-b	Supplying and erecting M.S./CRCA cabinet for housing Fire Brigade / SIEMESE connections (size 1250 x 400 x 300 mm.) made from 16 SWG sheet and angle iron 25 mm. X 25 mm. x 4 mm. having front doors with viewing glass (8" x 6") and locking arrangement with necessary fixing material such as rubber bidding etc. duly painted in post box red colour.	Nos	25868
R3-ME-15-24-c	Supply Stainless steel branch pipe of 63 mm dia. Fitted with 20mm dia. Nozzel ISI markes IS 903 complete in all respect	Nos	4599
R3-ME-15-24-d	Stainless steel landing valve single head dia. 63mm (Type A) ISI marked IS 5290 complete in all respects	Nos	8623
<b>R3-ME-15-25</b>	<b>Providing coating of Bitumen paint for underground rising main</b>		
R3-ME-15-25-a	Providing coating of Bitumen Paint & 4mm thick Wrapping as per IS 10221 for underground 100 mm Ring Main of Fire Fighting System.	Mtr	503
R3-ME-15-25-b	Providing coating of Bitumen Paint & 4mm thick Wrapping as per IS 10221 for underground 150 mm Ring Main of Fire Fighting System.	Mtr	575
R3-ME-15-25-c	Providing coating of Bitumen Paint & 4mm thick Wrapping as per IS 10221 for underground 200 mm Ring Main of Fire Fighting System.	Mtr	718
<b>R3-ME-15-26</b>	<b>Sprinkler</b>		

R3-ME-15-26-a	Supplying and erecting 15 mm (½") dia. NBCM Body chrome finished quartzoid bulb sprinkler having 68° C fixed temperature rating with deflector disc of conventional construction and quality conforming to international standards and listed by LPC (formally FOC U.K.) U.L.F.M. of USA or approved and listed by Tariff Advisory Committee (TAC) OF India	Nos	394
R3-ME-15-26-b	Providng and fixing in position sprinkler guards to protect open sprinkler in basement from mechanical damage.	Nos	515
R3-ME-15-26-c	Supplying & erecting vane type water flow detector suitable for detecting flow of water in wet sprinkler pipe of main line or branch lines of 75/80 mm dia having following features 1) Visual Switch Activation 2) Rugged Switch Assembly 3) Heavy Duty Alluminium pipe Saddles 4) Durable Metal Encloser 5) Steel U Bolts For Secure Mounting 6) Two SPDT ( Single Pole Double Track ) Synchronised Switches 7) Serviceable Without Draining Pipes	Nos	10779
R3-ME-15-26-d	Supplying & erecting vane type water flow detector suitable for detecting flow of water in wet sprinkler pipe of main line or branch lines of 100 mm dia having following features 1) Visual Switch Activation 2) Rugged Switch Assembly 3) Heavy Duty Alluminium pipe Saddles 4) Durable Metal Encloser 5) Steel U Bolts For Secure Mounting 6) Two SPDT ( Single Pole Double Track ) Synchronised Switches 7) Serviceable Without Draining Pipes	Nos	12215
R3-ME-15-26-e	Supplying and erecting 15 mm (½") dia. NBCM Body chrome finished quartzoid bulb upright sprinkler having 68° C fixed temperature rating with deflector disc of conventional construction and quality conforming to international standards and listed by LPC (formally FOC U.K.) U.L.F.M. of USA or approved and listed by Tariff Advisory Committee (TAC) OF India	Nos	577
<b>R3-ME-15-27</b>	<b>FIRE SEALANT SYSTEM</b>		
R3-ME-15-27-a	Supplying and erecting Fire resistant Mortar (20 kg) with fire resistance class S90 as per National Electrical Code (NEC) SP30-2011 suitable to seal the openings with all kinds of cables, pipes and cable support system in steel and aluminium and plastic profiles (Except hollow core conductors). The residual openings shall be closed with filler, as per specification	SQF	2156
	Note:- For estimating purpose consider one bag of 20kg to cover 300mm x 400mm area 150mm thick or 0.018 m3		

<b>R3-ME-15-28</b>	<b>Providing/Conducting Complete Fire audit including submission of building wise audit/compliance Report</b>		
R3-ME-15-28-a	Providing/Conducting Complete Fire audit upto 20 floors	JOB	21556
R3-ME-15-28-b	Providing/Conducting Complete Fire audit Above 20 floors	JOB	35927
<b>R3-ME-15-29</b>	<b>AUTO GLOW SIGNAGE</b>		
R3-ME-15-29-a	SITC of Auto glow signage for Emergency Fire Exit	Nos	862
R3-ME-15-29-b	SITC of Auto glow signage for Staircase direction	Nos	862
R3-ME-15-29-c	SITC of Auto glow signage for Do not use lift in case of Fire etc.	Nos	1149
<b>R3-ME-15-30</b>	<b>Fire Extinguisher</b>		
R3-ME-15-30-a	Supplying and erecting CO <sub>2</sub> Fire Extinguisher 4.5 kg	Nos	11816
R3-ME-15-30-b	Supplying and erecting ABC powder type fire extinguisher as per IS : 13849/15683 of 1 kg capacity with necessary clamp for erection on wall.	Nos	2007
R3-ME-15-30-c	Supplying and erecting ABC powder type fire extinguisher as per IS : 13849 /15683 of 6 kg capacity with necessary clamp for erection on Wall.	Nos	2156
R3-ME-15-30-d	Supplying and erecting ABC powder type fire extinguisher as per IS : 13849 /15683 of 9 kg capacity with necessary clamp for erection on Wall.	Nos	4239
R3-ME-15-30-e	Supplying and erecting D.C.P. type Fire Extinguisher 6 kg capacity cartridge type with Gun Metal cap 150 gram CO <sub>2</sub> gas cartridge, powder and brackets conforming to IS 2171- 1985/ IS 15683 and complete erected with necessary clamps made from 50x6 mm M.S. flat with nuts & bolts grouted in wall complete.	Nos	2802
R3-ME-15-30-f	Supplying and erecting D.C.P. type Fire Extinguisher 9 kg capacity cartridge type with Gun Metal cap 150 gram CO <sub>2</sub> gas cartridge, powder and brackets Conforming to IS 2171- 1985 and complete erected with necessary clamps made from 50x6 mm M.S. flat with nuts & bolts grouted in wall complete	Nos	3593
<b>R3-ME-15-31</b>	<b>Fire bucket , stand,hook and First Aid Box</b>		
R3-ME-15-31-a	Providing Round bottom FIRE Bucket of 9 Litres capacity as per IS : 2546 made out of 24 gauge G.I. sheet with extra handle at bottom duly painted white inside and red outside with FIRE Mark, on provided stand/ wall hook.	Nos	862
R3-ME-15-31-b	Providing Floor mounting stand for keeping 4 Nos. of FIRE buckets 1500mm in length, 900mm in height frame made out of 30x30x4 mm angle iron with cross supports for legs, welded with 4 hooks and duly painted with one coat of red lead and two coats of silver Paint.	Nos	5030

R3-ME-15-31-c	Supplying and erecting Wall hook 225mm projection for keeping fire buckets made out of 15 mm dia. M.S. Rod grouted in wall to a depth of minimum 15cms	Nos	287
R3-ME-15-31-d	Supplying standard first aid box with necessary antiseptic cream, medicine for use on wounds due burn, crepe bandage, gauge bandage, medicated ready to use bandage (Bandaid) adhesive tape for medicinal use, scissors, anti-septic solution etc. (All above contents shall be of standard makes)	Nos	3593
<b>FAS</b>	<b>Fire Alarm System (SP-ME-TS-65)</b>		
<b>R3-ME-15-32</b>	<b>Addressable Fire Alarm System</b>		
R3-ME-15-32-a	Supply, Installation, testing & commissioning of addressable 2 loop main fire alarm electronic control panel, expendable up to 4 loop & having maximum 250 devices (any combination detectors plus devices) per loop & Audio/ Visual alarm complete as per IS: 2189 specification - modular type front operated with interlocking door arrangement totally enclosed dust and vermin proof for indoor type applications.	Nos	188891
R3-ME-15-32-b	Supply, Installation, testing & commissioning of expandable Loop card for main fire alarm electronic control panel, shall support 254 devices both detectors and modules and shall support both class 'A' & class 'B' wiring.	Nos	11209
R3-ME-15-32-c	Supply, Installation, testing & commissioning of 2Cx1.5 sq.mm armoured RED color copper FRLS cable with necessary saddles, screws, junction boxes, sleeves, elbows couplings etc. for Fire alarm System	Mtr	104
R3-ME-15-32-d	Supply, Installation, testing & commissioning of Intelligent Photoelectric Smoke Detector along with mounting box & termination glands.	Nos	2249
R3-ME-15-32-e	Supply, Installation, testing & commissioning of Intelligent Heat Detector along with mounting box & termination glands.	Nos	3449
R3-ME-15-32-f	Supply, Installation, testing & commissioning of Intelligent multi- criteria Detector along with mounting box & termination glands.	Nos	2692
R3-ME-15-32-g	Supply, Installation, testing & commissioning of Strobe Lights along with mounting box & termination glands.	Nos	6380
R3-ME-15-32-h	Supply, Installation, testing & commissioning of Addressable Manual call point/ station with mounting back box	Nos	3479
R3-ME-15-32-i	Supply, Installation, testing & commissioning of Programmable Electronic Sounders (Hooters):	Nos	4880

R3-ME-15-32-j	Supply, Installation, testing & commissioning of remote response indicator	Nos	66
R3-ME-15-32-k	Supply, Installation, testing & commissioning of Isolator Module along with mounting box & termination glands.	Nos	2925
R3-ME-15-32-l	Supply, Installation, testing & commissioning of Addressable control Relay module with required accessories along with junction box, glands and terminators ( For AC trip off, Access trip off, PA system, sprinkler flow switch, lift interface, sounder, fire fighter & telephone jack)	Nos	7761
R3-ME-15-32-m	Supply, Installation, testing & commissioning of Active Repeater panel with all accessories, which shall be replica of main fire alarm panel with control keys I,e. Mute, silent & sounder alarm.	Nos	137960
R3-ME-15-32-n	Supply, Installation, testing & commissioning of Passive Repeater panel with all accessories, which shall be replica of main fire alarm panel except control keys I,e. Mute, silent & sounder alarm.	Nos	48692
R3-ME-15-32-o	Supply, Installation, testing & commissioning of addressable 4 loop main fire alarm electronic control panel, Shall having maximum 250 devices (any combination detectors plus devices) per loop & Audio/ Visual alarm complete as per IS: 2189 specification - modular type front operated with interlocking door arrangement totally enclosed dust and vermin proof for indoor type applications.	Nos	142924
<b>R3-ME-15-33</b>	<b>Non-Addressable Fire Alarm System</b>		
R3-ME-15-33-a	Supplying, erecting, testing and commissioning of 2 zone conventional fire alarm control panel. Surface mounting with 2 detection zones & sounder outputs.	Nos	48692
R3-ME-15-33-b	Supply, Installation, testing & commissioning of conventional Heat detector complete on box as per specification	Nos	3432
R3-ME-15-33-c	Supply, Installation, testing & commissioning of conventional optical type smoke detector complete on box as per Specification	Nos	3432
R3-ME-15-33-d	Supply, Installation, testing & commissioning of conventional four wire single ended Reflected type Beam smoke detector. The range of smoke detector shall max 325 feet, Shall include the required power supply, junction box & Mounting bracket.	Nos	65514
R3-ME-15-33-e	Supply, Installation, testing & commissioning of conventional four wire single ended Reflected type Beam smoke detector. The range of smoke detector shall max 164 feet, Shall include the required power supply, junction box & Mounting bracket.	Nos	55454



R3-ME-15-33-f	Supply, Installation, testing & commissioning of conventional Manual Call Point (Pill box) with break glass push button in metal enclosure complete with back mounting box.	Nos	8749
R3-ME-15-33-g	Supply, Installation, testing & commissioning of conventional Hooters with CRCA enclosure complete with external power supply & junction boxes.	Nos	7313
R3-ME-15-33-h	Supplying and erecting FRLS armoured cable 4 core 1.5 sq.mm. copper complete erected on wall/ceiling/trusses as per specification	Mtr	357
R3-ME-15-33-i	Supplying and erecting FRLS armoured cable 8 core 1.5 sq.mm. copper complete erected on wall/ceiling/trusses as per specification	Mtr	536
R3-ME-15-33-j	Supplying and erecting FRLS armoured cable 12 core 1.5 sq.mm. copper complete erected on wall/ceiling/trusses as per specification	Mtr	744

<b>GROUP R – CREMAORY EQUIPMENTS &amp; ACCESSORIES</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-16-1</b>	<b>APC System for conventional Wood Pyre (SP-ME-TS-60)</b>		
R3-ME-16-1-a	Work of supply and installation of hood above the pyre made out of 2 mm thick S.S 410 sheet with necessary M.S. supporting angles / channels and providing connection to main duct as per specifications.	Nos	257794
R3-ME-16-1-b	Work of supply and installation of damper assembly of 600 mm dia made out of 3 mm thick having 6 mm thick rotating flap inside. The damper shall be provided with S.S chain for smooth operation of damper flap.	Nos	27470
R3-ME-16-1-c	Work of supply and Installation of blower/ exhaust fan assembly for capacity of blower will be approx. 18000 CuM / Hr. at 300mm to 400mm WG pressure the impeller and casing shall be fabricated from SS 304 material. The impeller shall be dynamically balanced. The blower shall be coupled with 3Ph, 440V, 50 Hz T.E.F.C. Squirrel cage inductions motor (Crompton/ABB/Siemens) of suitable capacity, as per ISI specification. The blower assembly shall have silencer with anti-vibration absorbed to reduce noise. The blower casing shall have inspection cover and separate drain plug at bottom to remove moisture entrapped. Including 1 set of rotating element of blower set.	Nos	704358

R3-ME-16-1-d	Work of supply and installation of vertical cyclone water scrubber made out of S.S 304 material of suitable design. The thickness of bottom plate shall be 6 mm and scrubber body shall be 3mm thick plate for inner and outer shell, shall be used the spray nozzles, Mist (water) eliminator, water seal system heat resistance inspection- window, sump tank (2 CuM approx.) with foundation, cover, strainer, valve, baffle to separate solid particles from water etc. pump with piping and fitting shall be provided with proper design. Tank made from 6mm thick M.S plate shall be internally painted with chlorinated rubber paint. Suitable size PVC drains pipes shall be connected to the nearest existing MCGM drainage. The scrubber shall have firm support of M.S channels/ I- beam grouted in cement concrete foundation. The design of water scrubber system shall ensure to limit the exhaust emission within the permissible limit as specified by CPCB. Including 1 set of spares water spray nozzles etc. shall be provided along with equipment.	Nos	1760893
R3-ME-16-1-e	Work of Supply and installation of main duct made out of 3 mm thick S.S 304 plate shall be connected with hood outlet, water scrubber unit, exhaust air blower, bypass arrangement of scrubber etc. the end flanges of ducting shall be 6 mm thick x 40 mm wide made out of S.S 304 material . The ducting shall be provided with S.S. 304 nuts, bolts, washer; asbestos rope etc. ducting shall be installed at site at suitable height with M.S. angle/ channel/ brackets etc. taking support of existing shed M.S. I Beam/ support as required.	Mtr	23244
R3-ME-16-1-f	Work of Supply & installation of self- supported 30.50M height M.S. 1400mm bottom dia x 700 mm top dia Chimney for system along with earthing stations 2 Nos.	Job	2347082
R3-ME-16-1-g	Work of Supply & installation of self- supported 30.50M height M.S. 1200mm bottom dia x 600 mm top dia Chimney for system along with earthing stations 2 Nos.	Job	2112374
R3-ME-16-1-h	Work of Supply & installation of self- supported 30.50M height M.S. 900mm bottom dia x 450 mm top dia Chimney for system along with earthing stations 2 Nos.	Job	1877666
R3-ME-16-1-i	RCC foundation for installation of above M.S. Chimney with M 25 grade concrete appxx. 25CuM and epoxy coated steel bar with necessary foundation, bolts, nuts, washer, capnut, temp plat etc.	Cum	456377

R3-ME-16-1-j	Work of supply and erection of shed structure to cover scrubber unit: the existing shed including proposed area of scrubber unit, is open from all sides. This area is depend upon as per site requirement. It shall be covered /closed from external East, West & North sides of 6mtr. Length, by providing 20 SWG corrugated F.R.P. sheet of suitable colour. The necessary steel structure support shall be provided to this F.R.P. sheet which shall be secured firmly be virtue of G.I. nut-bolts etc. the south or pyre side of scrubber unit area shall be separated with M.S. grill partition along with at least 4.5mtr wide suitable M.S. door with locking arrangement. The height of shade and partition shall be at least 3mtr Payment to be made as per SQM basis of floor area.	Sqm	8452
R3-ME-16-1-k	Supply and installation of mobile heat resistance ash curtains shall be made out of heat resistance material. The same shall be fixed with MS fabricated frame 25mm X 25mm square pipe duly painted with heat resistance paint and provided with proper size caster/wheels for easy movement. The size of curtains shall be approximately 4M X 1.5M.	Nos	21539
R3-ME-16-1-l	Work of Supply and installation of electrical panel: C.R.C.A steel of 14 SWG for panel, 16 SWG for door shall be used. The panel shall have 25 x25x 3 mm M.S. Angle frame, I.S.M.C. at base, 60 x 10 mm S.S. 304 bolts, nuts spring washer , reversible lifting eye/ hook, self-draining provision, doors with insulated thumb screw, powder coated knobs, lockable handles, name plates, rating plates & label for caution notice (danger board) with proper description/ details. External and internal white labels shall be engraved and filled with black colour. The switch gears, tinned copper bus bars, separate compartments for feeders, bus bars & switchgears, current carrying capacity as per I.S. standard, voltmeter, ammeter, energy meter. Power factor meter, hour meter & R,Y, B, indicators shall be provided. I&T/ Siemens make components only be used. The panel drawing shall be got approved before fabrication. The panel shall be duly painted & grouted as per site requirement.	Job	197221
R3-ME-16-1-m	Work Supply & laying of 25 mm dia C class GI pipe, flow control valves from makeup water tank. To. If necessary suitable capacity boosters pump shall be provided for makeup water line.	Job	47896

R3-ME-16-1-n	Work of providing and installation to 2000 Ltr. 2 Nos. PVC water tank along with its ladder, inspection cover MS fabricated supporting structure, PCC foundation along with necessary 25mm dia class C GI pipe line etc. in proper manner	Nos	91566
R3-ME-16-1-o	Commissioning of the APC system obtaining emission test certificate from Government approved Lab.	Job	49814
R3-ME-16-1-p	First year operating the air pollution control system round the clock	Job	498397
R3-ME-16-1-q	Second year operating the air pollution control system round the clock	Job	521249
R3-ME-16-1-r	Third year operating the air pollution control system round the clock	Job	547313
R3-ME-16-1-s	Fourth year operating the air pollution control system round the clock	Job	602042
R3-ME-16-1-t	Fifth year operating the air pollution control system round the clock	Job	662247
R3-ME-16-1-u	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for first year	Job	279715
R3-ME-16-1-v	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Second year	Job	293701
R3-ME-16-1-w	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Third year	Job	308385
R3-ME-16-1-x	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Fourth year	Job	338675
R3-ME-16-1-y	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Fifth year	Job	365815
<b>R3-ME-16-2</b>	<b>Conventional Wood Pyre system (SP-ME-TS-61)</b>		
R3-ME-16-2-a	Work of casting, grinding, drilling and supply of C.I. pyre set	Nos	189116
R3-ME-16-2-b	Construction of pyre foundation	Nos	104993
<b>R3-ME-16-3</b>	<b>SITC of PNG based Gas Crematorium Works (SP-ME-TS-62)</b>		
R3-ME-16-3-a	Dismantling & Removal of Furnace refractory, Insulation material, heating Elements, Control Panel cabling water scrubber system etc. TS1	JOB	80932
R3-ME-16-3-b	Supply and Installation of Gas Fired Cremation furnace as per technical specification A (i.e. with control panel, burner system, Charging Trolley etc.) & as per site conditions	JOB	5623898
R3-ME-16-3-c	Supply and Installation of Blower as per technical specification & site conditions, Heat Exchanger, Piping etc	JOB	749915
R3-ME-16-3-d	Supply and Installation of Scrubber and Water tank including Flue gas Ducting from furnace to scrubber as per technical specification & site conditions including ETP	JOB	2655424

R3-ME-16-3-e	Supply and Installation of 30 meter height chimney with civil foundation Suitable for 1 nos. Of furnace as per technical specifications & site conditions.	JOB	2690169
R3-ME-16-3-f	Supply and Installation of 30 meter height chimney with civil foundation suitable for 2 nos. Of furnace as per technical specifications & site conditions	JOB	3296864
R3-ME-16-3-g	Ducting Per Meter as per technical specifications & site conditions	MTR	19576
R3-ME-16-3-h	Final Testing and Commissioning of the System with 1 furnace & chimney as per technical specifications & site conditions	JOB	271186
R3-ME-16-3-i	Final Testing and Commissioning of the System with 2 furnace & common chimney as per technical specifications & site conditions	JOB	355932
R3-ME-16-3-j	Internal Gas Pipe Line-MS Tata C Class ERW Pipe 80mmNB	MTR	5254
R3-ME-16-3-k	Rebate for old material	LS	-98070
R3-ME-16-3-l	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for First Year	JOB	403602
R3-ME-16-3-m	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Second Year	JOB	457415
R3-ME-16-3-n	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Third Year	JOB	538136
R3-ME-16-3-o	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Fourth Year	JOB	618856
R3-ME-16-3-u	Comprehensive Service Maintenance Contract (CSMC) of the Complete System for Fifth Year	JOB	699576
R3-ME-16-3-p	The operating charges of the system per annum for the period of 5years after commissioning. Operation of crematorium : 24 hours X 365 days (1 operator 1 helper per shift) for 1st Year	JOB	2000763
R3-ME-16-3-q	The operating charges of the system per annum for the period of 5years after commissioning. Operation of crematorium : 24 hours X 365 days (1 operator 1 helper per shift) for 2nd Year	JOB	2156780
R3-ME-16-3-r	The operating charges of the system per annum for the period of 5years after commissioning. Operation of crematorium : 24 hours X 365 days (1 operator 1 helper per shift) for 3rd Year	JOB	2335169
R3-ME-16-3-s	The operating charges of the system per annum for the period of 5years after commissioning. Operation of crematorium : 24 hours X 365 days (1 operator 1 helper per shift) for 4th Year	JOB	2495763

R3-ME-16-3-t	The operating charges of the system per annum for the period of 5years after commissioning. Operation of crematorium : 24 hours X 365 days (1 operator 1 helper per shift) for 5th Year	JOB	2669492
<b>R3-ME-16-4</b>	<b>Dismantling and Rebate for Chimney</b>		
R3-ME-16-4-a	Dismantling of Mild Steel Self supported Chimney for size up to 1400mm X600mm at cemetery/ crematorium ground along with breaking of chimney foundation.	Job	305551
R3-ME-16-4-b	Rebate for Old Mild steel Self supported Chimney at cemetery / crematorium ground only for size up to 1200mm Bottom dia. X 600 mm top dia. and 30 Mtr. Height.	LS	-33898
R3-ME-16-4-c	Rebate for old MS self supported chimney size above 1200mm Bottom dia. X 600 mm top dia. and 30 Mtr. Height up to 1400mm Bottom dia. X 600 mm top dia. and 30 Mtr. Height	LS	-37288
	<b>SITC of Scrubber without ETP System</b>		
R3-ME-16-4-d	Supply and Installation of Scrubber and Water tank including Flue gas Ducting from furnace to scrubber without ETP	Job	1372881
R3-ME-16-4-e	Dismantling of old pyre	Each	8648
R3-ME-16-4-f	Rebate to take away dismantled old pyre set	kg	-24
R3-ME-16-4-g	RCC Breaking of Old Chimney Foundation (By Compressor Breaking Machine)	Cubic Meter	8051

<b>GROUP T – PIPE NATURAL GAS</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
	<b>PIPE NATURAL GAS SYSTEM (SP-ME-TS-66 )</b>		
R3-ME-18-1-a	SITC OF 3 INCH DIA MS SEAMLESS SCH40 PIPE	NOS	6405
R3-ME-18-1-b	SITC OF 2 INCH DIA MS SEAMLESS SCH40 PIPE	NOS	4997
R3-ME-18-1-c	SITC OF 1 INCH DIA MS SEAMLESS SCH40 PIPE	NOS	3660
R3-ME-18-1-d	SITC of 3inch Dia. (flanged end) Manual cut-off Ball Valve, fire safe design, flanged to ASA150	NOS	8868
R3-ME-18-1-e	SITC of 2inch Dia. (flanged end) Manual cut-off Ball Valve, fire safe design, flanged to ASA150	NOS	6123
R3-ME-18-1-f	SITC of 1inch Dia. (flanged end) Manual cut-off Ball Valve, fire safe design, flanged to ASA150	NOS	3449
R3-ME-18-1-g	SITC & Putting in operation of M.S. Flanges 3 inch	NOS	4012
R3-ME-18-1-h	SITC & Putting in operation of M.S. Flanges 2 inch	NOS	3730
R3-ME-18-1-i	SITC & Putting in operation of M.S. Flanges 1 inch	NOS	2815
R3-ME-18-1-j	Designing and Co-ordination with MGL	NOS	182988
R3-ME-18-1-k	SITC of Hydraulic flexible pipe of one meter length with size 25mm	NOS	4997
R3-ME-18-1-l	SITC of Gas pressure Regulator of size 25mm	NOS	11965
R3-ME-18-1-m	SITC of Manual needle valve	NOS	1267
R3-ME-18-1-n	SITC of Stainless Steel Gas Stove suitable for PNG gas	NOS	14076
R3-ME-18-1-o	SITC of Stainless Steel Gas pencil type Burner	NOS	1267
R3-ME-18-1-p	SITC of T-50 PNG Gas Burner	NOS	8023
R3-ME-18-1-q	SITC of T-78 PNG Gas Burner	NOS	14921
R3-ME-18-1-r	SITC of Domestic Burner	NOS	14780
R3-ME-18-1-s	SITC of Drum burner T-35 meet burner	NOS	14991
R3-ME-18-1-t	SITC of V-900 PNG Gas Burner	NOS	16891
R3-ME-18-1-u	SITC of V-1200 PNG Gas Burners	NOS	19988
R3-ME-18-1-v	SITC of T-35 PNG Gas Burner	NOS	7179
R3-ME-18-1-w	SITC of Flame Arrestor 1 inch	NOS	20199
R3-ME-18-1-x	SITC OF SS 3 Burner Gas Range	NOS	222401
R3-ME-18-1-y	SITC OF SS Single Burner Gas Range	NOS	71788
R3-ME-18-1-z	SITC OF SS Plate Gas Range	NOS	236336
R3-ME-18-1-aa	SITC of Methane gas detector of 10 channel	NOS	130907
R3-ME-18-1-bb	SITC of methane gas detector Head/sensor	NOS	43636
R3-ME-18-1-cc	S&F P&F Cu unarmoured 4CX1.5sq.mm	NOS	225
R3-ME-18-1-dd	SITC OF PRESSURE GAUGE	NOS	9712
R3-ME-18-1-ee	SITC OF Gas train PRS SYSTEM	NOS	1576512



R3-ME-18-1-ff	SITC OF Solenoid Valves	NOS	68972
R3-ME-18-1-gg	SITC OF 3 INCH SEAMLESS PIPE AS PER SCH40	Mtr	5876
R3-ME-18-1-hh	SITC OF 2 INCH SEAMLESS PIPE AS PER SCH40	Mtr	4606
R3-ME-18-1-ii	SITC OF 1 INCH SEAMLESS PIPE AS PER SCH40	Mtr	3371
R3-ME-18-1-jj	SITC OF 3 INCH DIA. (FLANGED END) MANUAL CUT-OFF BALL VALVE, FIRE SAFE DESIGN, FLANGED ASA150# STD	NOS	8270
R3-ME-18-1-kk	SITC OF 2 INCH DIA. (FLANGED END) MANUAL CUT-OFF BALL VALVE, FIRE SAFE DESIGN, FLANGED ASA150# STD	NOS	5639
R3-ME-18-1-ll	SITC OF 1 INCH DIA. (FLANGED END) MANUAL CUT-OFF BALL VALVE, FIRE SAFE DESIGN, FLANGED ASA150# STD	NOS	3152
R3-ME-18-1-mm	SITC of MS flange of 3 inch Dia.	NOS	3628
R3-ME-18-1-nn	SITC of MS flange of 2 inch Dia	NOS	3072
R3-ME-18-1-oo	SITC of MS flange of 1 inch Dia	NOS	2318
R3-ME-18-1-pp	Design and Co-ordination with MGL per Meter	NOS	149243
R3-ME-18-1-qq	SITC of Hydraulic flexible hose pipe	NOS	4093
R3-ME-18-1-rr	SITC of Gas pressure Regulator	NOS	9860
R3-ME-18-1-ss	SITC of Manual Needle valve	NOS	1063
R3-ME-18-1-tt	SITC of Stainless Steel Gas Stove suitable for PNG gas	NOS	12871
R3-ME-18-1-uu	SITC of PNG Gas Pencil Burner suitable for PNG gas	NOS	1115
R3-ME-18-1-vv	SITC of T-50 PNG Gas Burner	NOS	7471
R3-ME-18-1-ww	SITC of T-78 PNG Gas Burner	NOS	13647
R3-ME-18-1-xx	SITC of Domestic Gas Burner	NOS	13577
R3-ME-18-1-yy	SITC of T-35 Drum meet PNG Gas Burner	NOS	13653
R3-ME-18-1-zz	SITC of V-900 PNG Gas Burner	NOS	15248
R3-ME-18-2-aa	SITC of V-1200 PNG Gas Burner	NOS	17992
R3-ME-18-2-bb	SITC of T-35 PNG Gas Burner	NOS	6522
R3-ME-18-2-cc	SITC of Flame Arrestor (1 inch dia.).	NOS	19322
R3-ME-18-2-dd	SITC of SS 3 Gas burner	NOS	198399
R3-ME-18-2-ee	SITC of SS single gas burner	NOS	64184
R3-ME-18-2-ff	SITC of SS plate gas burner	NOS	210067
R3-ME-18-2-gg	SITC of Methane gas detector pannel of 10 channel	NOS	117696
R3-ME-18-2-hh	SITC of Methane gas detrctor head/sensor	Mtr	40642
R3-ME-18-2-ii	Providing & Fixing Cu unarmoured 4Cx1.5sq.mm	Mtr	214
R3-ME-18-2-jj	SITC of Pressure Gauge with necessary fittings	Mtr	8662
R3-ME-18-2-kk	SITC OF PRS SYSTEM	Mtr	1403464
R3-ME-18-2-ll	SITC OF Solenoid Valves	Mtr	62150
R3-ME-18-2-mm	SITC of natural gas geyser	Mtr	30193
R3-ME-18-2-nn	SITC of 90mm NB diameter (SDDR-11) pollyethele	Mtr	38709
R3-ME-18-2-oo	SITC of safety routing of trench for MDPE PNG upstream pipeline with its accessories and fitting etc.	Mtr	31108
R3-ME-18-2-pp	Removal of MS 3" dia. A-106 Gr. B Sch 40	Mtr	73

R3-ME-18-2-qq	Removal of MS 2" dia. A-106 Gr. B Sch 40	Mtr	53
R3-ME-18-2-rr	Removal of MS 1" dia. A-106 Gr. B Sch 40	Mtr	47
R3-ME-18-2-ss	Removal of Ball Valve 3" dia.	NOS	85
R3-ME-18-2-tt	Removal of Ball Valve 2" dia.	NOS	64
R3-ME-18-2-uu	Removal of Ball Valve 1" dia.	NOS	42
R3-ME-18-2-vv	Removal of Methane Gas Detector Panel	NOS	271
R3-ME-18-2-ww	Removal of Methane Gas Detector Sensor	NOS	178
R3-ME-18-2-xx	Removal & Refixing of MS Pipe 3" dia.	Mtr	3192
R3-ME-18-2-yy	Removal & Refixing of MS Pipe 2" dia.	Mtr	2499
R3-ME-18-2-zz	Removal & Refixing of MS Pipe 1" dia.	Mtr	1836
R3-ME-18-3-aa	Painting of MS Pipe 3" dia.	Mtr	779
R3-ME-18-3-bb	Painting of MS Pipe 2" dia.	Mtr	423
R3-ME-18-3-cc	Painting of MS Pipe 1" dia.	Mtr	284
R3-ME-18-3-dd	Rebate of Ball Valve 3" dia.	NOS	-466
R3-ME-18-3-ee	Rebate of Ball Valve 2" dia.	NOS	-360
R3-ME-18-3-ff	Rebate of Ball Valve 1" dia.	NOS	-127
R3-ME-18-3-gg	Callibration of Methane Gas Detector Head/Sensor work for a year	Mtr	15997
R3-ME-18-3-hh	Servicing & Maintenance of PNG SS Stove work once in month	Mtr	1037
R3-ME-18-3-ii	Servicing & Testing of MGL Meter work once in a year.	Mtr	9512
R3-ME-18-3-jj	MGL Signboards of Shut-off Valve, Isolation Valve, Do not Dig, Emergency Board and No Smoking of Sizes as per the MGL norm.	Mtr	8474
R3-ME-18-3-kk	Servicing & Maintenance of PNG T-78 Burner with its accessories work once in month.	Mtr	1037
R3-ME-18-3-ll	Servicing & Maintenance of PNG T-50 Burner with its accessories work once in month.	Mtr	951
R3-ME-18-3-mm	Servicing & Maintenance of PNG T-35 Burner with its accessories work once in month.	Mtr	951
R3-ME-18-3-nn	Servicing & Maintenance of PNG V-1200 Burner with its accessories work once in month.	NOS	1037
R3-ME-18-3-oo	Servicing & Maintenance of PNG V-900 Burner with its accessories work once in month.	NOS	1037
R3-ME-18-3-pp	Servicing & Maintenance of PNG Gas Geyser with its accessories work once in month.	NOS	5188

<b>GROUP U – LIFT AND ELECTRICAL WORK</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
<b>R3-ME-19-SI-4P</b>	<b>SITC OF 4 PASSENGER/272 Kg GEARLESS LIFT</b>		
	<b>MR/MRL, COPO/ TOPO doors with frame having opening of 700/800 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.</b>		
R3-ME-19-SI-4P-1	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+1 floor (2Stops/2 Landings)	Job	1115449
R3-ME-19-SI-4P-2	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+2 floor (3 Stops/3 Landings)	Job	1271060
R3-ME-19-SI-4P-3	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+3 floor (4 Stops/4 Landings)	Job	1426671
R3-ME-19-SI-4P-4	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+4 floor (5 Stops/5 Landings)	Job	1582282
R3-ME-19-SI-4P-5	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+5 floor (6 Stops/6 Landings)	Job	1737893
R3-ME-19-SI-4P-6	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+6 floor (7Stops/7 Landings)	Job	1893504
R3-ME-19-SI-4P-7	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+7 floor (8 Stops/8 Landings)	Job	2056086
R3-ME-19-SI-4P-8	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+8 floor (9 Stops/9 Landings)	Job	2218666
R3-ME-19-SI-4P-9	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+9 floor (10 Stops/10 Landings)	Job	2381247
R3-ME-19-SI-4P-10	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+10 floor (11 Stops/11 Landings)	Job	2543829
R3-ME-19-SI-4P-11	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+11 floor (12Stops/12 Landings)	Job	2706409
R3-ME-19-SI-4P-12	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+12 floor (13Stops/13 Landings)	Job	2868991
R3-ME-19-SI-4P-13	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+13 floor (14Stops/14 Landings)	Job	3031571
R3-ME-19-SI-4P-14	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+14 floor (15Stops/15 Landings)	Job	3194153

R3-ME-19-SI-4P-15	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+15 floor (16 Stops/16 Landings)	Job	3356733
R3-ME-19-SI-4P-16	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+16 floor (17 Stops/17 Landings)	Job	3529164
R3-ME-19-SI-4P-17	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+17 floor (18 Stops/18 Landings)	Job	3701593
R3-ME-19-SI-4P-18	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+18 floor (19Stops/19 Landings)	Job	3874024
R3-ME-19-SI-4P-19	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+19 floor (20 Stops/20 Landings)	Job	4046453
R3-ME-19-SI-4P-20	SITC of Passenger gearless lift for 4 Passenger/272 Kg, G+20 floor (21 Stops/21 Landings)	Job	4218883
<b>R3-ME-19-SI-6P</b>	SITC OF 6 PASSENGER/408 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 800 mm wide X 2000 mm high, Automatic Rescue Device, Audio-Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-6P-1	<b>SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+1 floor (2Stops/2 Landings)</b>	Job	1143907
R3-ME-19-SI-6P-2	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+2 floor (3 Stops/3 Landings)	Job	1304176
R3-ME-19-SI-6P-3	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+3 floor (4Stops/4 Landings)	Job	1464447
R3-ME-19-SI-6P-4	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+4 floor (5Stops/5 Landings)	Job	1624716
R3-ME-19-SI-6P-5	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+5 floor (6Stops/6 Landings)	Job	1784986
R3-ME-19-SI-6P-6	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+6 floor (7Stops/7 Landings)	Job	1945257
R3-ME-19-SI-6P-7	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+7 floor (8Stops/8 Landings)	Job	2112727
R3-ME-19-SI-6P-8	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+8 floor (9Stops/9 Landings)	Job	2280198
R3-ME-19-SI-6P-9	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+9 floor (10Stops/10 Landings)	Job	2447669
R3-ME-19-SI-6P-10	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+10 floor (11Stops/11 Landings)	Job	2615141

R3-ME-19-SI-6P-11	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+11 floor (12Stops/12 Landings)	Job	2782611
R3-ME-19-SI-6P-12	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+12 floor (13Stops/13 Landings)	Job	2950082
R3-ME-19-SI-6P-13	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+13 floor (14Stops/14 Landings)	Job	3117553
R3-ME-19-SI-6P-14	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+14 floor (15Stops/15 Landings)	Job	3285025
R3-ME-19-SI-6P-15	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+15 floor (16Stops/16 Landings)	Job	3452496
R3-ME-19-SI-6P-16	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+16 floor (17Stops/17 Landings)	Job	3619966
R3-ME-19-SI-6P-17	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+17 floor (18Stops/18 Landings)	Job	3792397
R3-ME-19-SI-6P-18	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+18 floor (19Stops/19 Landings)	Job	3964826
R3-ME-19-SI-6P-19	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+19 floor (20Stops/20 Landings)	Job	4137257
R3-ME-19-SI-6P-20	SITC of Passenger gearless lift for 6 Passenger/408 Kg, G+20 floor (21Stops/21 Landings)	Job	4309686
<b>R3-ME-19-SI-8P</b>	SITC OF 8 PASSENGER/544 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 800 mm wide X 2000 mm high, Automatic Rescue Device, Audio-Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-8P-1	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+1 floor (2Stops/2 Landings)	Job	1238319
R3-ME-19-SI-8P-2	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+2 floor (3Stops/3 Landings)	Job	1398590
R3-ME-19-SI-8P-3	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+3 floor (4Stops/4 Landings)	Job	1558859
R3-ME-19-SI-8P-4	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+4 floor (5Stops/5 Landings)	Job	1719130
R3-ME-19-SI-8P-5	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+5 floor (6Stops/6 Landings)	Job	1879399
R3-ME-19-SI-8P-6	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+6 floor (7Stops/7 Landings)	Job	2039669

R3-ME-19-SI-8P-7	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+7 floor (8Stops/8 Landings)	Job	2207141
R3-ME-19-SI-8P-8	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+8 floor (9Stops/9 Landings)	Job	2374611
R3-ME-19-SI-8P-9	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+9 floor (10Stops/10 Landings)	Job	2542082
R3-ME-19-SI-8P-10	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+10 floor (11Stops/11 Landings)	Job	2709553
R3-ME-19-SI-8P-11	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+11 floor (12Stops/12 Landings)	Job	2877025
R3-ME-19-SI-8P-12	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+12 floor (13Stops/13 Landings)	Job	3044496
R3-ME-19-SI-8P-13	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+13 floor (14Stops/14 Landings)	Job	3211966
R3-ME-19-SI-8P-14	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+14 floor (15Stops/15 Landings)	Job	3379437
R3-ME-19-SI-8P-15	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+15 floor (16Stops/16 Landings)	Job	3546908
R3-ME-19-SI-8P-16	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+16 floor (17Stops/17 Landings)	Job	3714380
R3-ME-19-SI-8P-17	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+17 floor (18Stops/18 Landings)	Job	3886809
R3-ME-19-SI-8P-18	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+18 floor (19Stops/19 Landings)	Job	4059240
R3-ME-19-SI-8P-19	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+19 floor (20Stops/20 Landings)	Job	4231669
R3-ME-19-SI-8P-20	SITC of Passenger gearless lift for 8 Passenger/544 Kg, G+20 floor (21Stops/21 Landings)	Job	4404099
<b>R3-ME-19-SI-10P</b>	SITC OF 10 PASSENGER/680 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 800 mm wide X 2000 mm high, Automatic Rescue Device, Audio-Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-10P-1	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+1 floor (2Stops/2 Landings)	Job	1488399
R3-ME-19-SI-10P-2	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+2 floor (3Stops/3 Landings)	Job	1648669

R3-ME-19-SI-10P-3	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+3 floor (4Stops/4 Landings)	Job	1808940
R3-ME-19-SI-10P-4	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+4 floor (5Stops/5 Landings)	Job	1969209
R3-ME-19-SI-10P-5	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+5 floor (6Stops/6 Landings)	Job	2129480
R3-ME-19-SI-10P-6	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+6 floor (7Stops/7 Landings)	Job	2289749
R3-ME-19-SI-10P-7	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+7 floor (8Stops/8 Landings)	Job	2457220
R3-ME-19-SI-10P-8	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+8 floor (9Stops/9 Landings)	Job	2624692
R3-ME-19-SI-10P-9	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+9 floor (10Stops/10 Landings)	Job	2792163
R3-ME-19-SI-10P-10	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+10 floor (11Stops/11 Landings)	Job	2959633
R3-ME-19-SI-10P-11	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+11 floor (12Stops/12 Landings)	Job	3127104
R3-ME-19-SI-10P-12	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+12 floor (13Stops/13 Landings)	Job	3294575
R3-ME-19-SI-10P-13	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+13 floor (14Stops/14 Landings)	Job	3462047
R3-ME-19-SI-10P-14	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+14 floor (15Stops/15 Landings)	Job	3629518
R3-ME-19-SI-10P-15	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+15 floor (16Stops/16 Landings)	Job	3796988
R3-ME-19-SI-10P-16	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+16 floor (17Stops/17 Landings)	Job	3964459
R3-ME-19-SI-10P-17	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+17 floor (18Stops/18 Landings)	Job	4136890
R3-ME-19-SI-10P-18	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+18 floor (19Stops/19 Landings)	Job	4309319
R3-ME-19-SI-10P-19	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+19 floor (20Stops/20 Landings)	Job	4481749
R3-ME-19-SI-10P-20	SITC of Passenger gearless lift for 10 Passenger/680 Kg, G+20 floor (21Stops/21 Landings)	Job	4654180

<b>R3-ME-19-SI-13P</b>	SITC OF 13 Passenger/884 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 900/1000 mm wide X 2000 mm high with Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period		
R3-ME-19-SI-13P-1	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+1 floor (2Stops/2 Landings)	Job	1590403
R3-ME-19-SI-13P-2	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+2 floor (3Stops/3 Landings)	Job	1756294
R3-ME-19-SI-13P-3	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+3 floor (4Stops/4 Landings)	Job	1922186
R3-ME-19-SI-13P-4	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+4 floor (5Stops/5 Landings)	Job	2088076
R3-ME-19-SI-13P-5	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+5 floor (6Stops/6 Landings)	Job	2253968
R3-ME-19-SI-13P-6	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+6 floor (7Stops/7 Landings) .	Job	2419858
R3-ME-19-SI-13P-7	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+7 floor (8Stops/8 Landings)	Job	2593199
R3-ME-19-SI-13P-8	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+8 floor (9Stops/9 Landings)	Job	2766541
R3-ME-19-SI-13P-9	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+9 floor (10Stops/10 Landings)	Job	2939881
R3-ME-19-SI-13P-10	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+10 floor (11Stops/11 Landings)	Job	3113222
R3-ME-19-SI-13P-11	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+11 floor (12Stops/12 Landings)	Job	3286564
R3-ME-19-SI-13P-12	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+12 floor (13Stops/13 Landings)	Job	3459904
R3-ME-19-SI-13P-13	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+13 floor (14Stops/14 Landings)	Job	3633246
R3-ME-19-SI-13P-14	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+14 floor (15Stops/15 Landings)	Job	3806586
R3-ME-19-SI-13P-15	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+15 floor (16Stops/16 Landings)	Job	3979927
R3-ME-19-SI-13P-16	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+16 floor (17Stops/17 Landings)	Job	4158416



R3-ME-19-SI-13P-17	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+17 floor (18Stops/18 Landings)	Job	4336905
R3-ME-19-SI-13P-18	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+18 floor (19Stops/19 Landings)	Job	4515394
R3-ME-19-SI-13P-19	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+19 floor (20Stops/20 Landings)	Job	4693883
R3-ME-19-SI-13P-20	SITC of Passenger gearless lift for 13 Passenger/884 Kg, G+20 floor (21Stops/21 Landings)	Job	4872372
<b>R3-ME-19-SI-14P</b>	SITC OF 14 PASSENGER/952 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 900 mm wide X 2000 mm high, Automatic Rescue Device, Audio-Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-14P-1	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+1 floor (2Stops/2 Landings)	Job	1759881
R3-ME-19-SI-14P-2	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+2 floor (3Stops/3 Landings)	Job	1925772
R3-ME-19-SI-14P-3	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+3 floor (4Stops/4 Landings)	Job	2091664
R3-ME-19-SI-14P-4	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+4 floor (5Stops/5 Landings)	Job	2257554
R3-ME-19-SI-14P-5	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+5 floor (6Stops/6 Landings)	Job	2423446
R3-ME-19-SI-14P-6	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+6 floor (7Stops/7 Landings)	Job	2589336
R3-ME-19-SI-14P-7	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+7 floor (8Stops/8 Landings)	Job	2762677
R3-ME-19-SI-14P-8	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+8 floor (9Stops/9 Landings)	Job	2936019
R3-ME-19-SI-14P-9	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+9 floor (10Stops/10 Landings)	Job	3109359
R3-ME-19-SI-14P-10	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+10 floor (11Stops/11 Landings)	Job	3282700
R3-ME-19-SI-14P-11	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+11 floor (12Stops/12 Landings)	Job	3456042
R3-ME-19-SI-14P-12	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+12 floor (13Stops/13 Landings)	Job	3629382

R3-ME-19-SI-14P-13	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+13 floor (14Stops/14 Landings)	Job	3802724
R3-ME-19-SI-14P-14	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+14 floor (15Stops/15 Landings)	Job	3976064
R3-ME-19-SI-14P-15	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+15 floor (16Stops/16 Landings)	Job	4149405
R3-ME-19-SI-14P-16	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+16 floor (17Stops/17 Landings)	Job	4327894
R3-ME-19-SI-14P-17	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+17 floor (18Stops/18 Landings)	Job	4506383
R3-ME-19-SI-14P-18	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+18 floor (19Stops/19 Landings)	Job	4684872
R3-ME-19-SI-14P-19	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+19 floor (20Stops/20 Landings)	Job	4863361
R3-ME-19-SI-14P-20	SITC of Passenger gearless lift for 14 Passenger/952 Kg, G+20 floor (21Stops/21 Landings)	Job	5041850
<b>R3-ME-19-SI-15P</b>	SITC OF 15 PASSENGER CUM STRETCHER/ HOSPITAL GEARLESS LIFT /1020 Kg MR/MRL , COPO/ TOPO doors with frame having opening of 800/900/1000 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-15P-1	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+1 floor (2Stops/2 Landings)	Job	1870043
R3-ME-19-SI-15P-2	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+2 floor (3Stops/3 Landings)	Job	2040929
R3-ME-19-SI-15P-3	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+3 floor (4Stops/4 Landings)	Job	2211814
R3-ME-19-SI-15P-4	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+4 floor (5Stops/5 Landings)	Job	2382698
R3-ME-19-SI-15P-5	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+5 floor (6Stops/6 Landings)	Job	2553583
R3-ME-19-SI-15P-6	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+6 floor (7Stops/7 Landings)	Job	2724469
R3-ME-19-SI-15P-7	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+7 floor (8Stops/8 Landings)	Job	2903011

R3-ME-19-SI-15P-8	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+8 floor (9Stops/9 Landings)	Job	3081554
R3-ME-19-SI-15P-9	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+9 floor (10Stops/10 Landings)	Job	3260097
R3-ME-19-SI-15P-10	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+10 floor (11Stops/11 Landings)	Job	3438641
R3-ME-19-SI-15P-11	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+11 floor (12Stops/12 Landings)	Job	3617183
R3-ME-19-SI-15P-12	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+12 floor (13Stops/13 Landings)	Job	3795726
R3-ME-19-SI-15P-13	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+13 floor (14Stops/14 Landings)	Job	3974269
R3-ME-19-SI-15P-14	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+14 floor (15Stops/15 Landings)	Job	4152813
R3-ME-19-SI-15P-15	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+15 floor (16Stops/16 Landings)	Job	4331355
R3-ME-19-SI-15P-16	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+16 floor (17Stops/17 Landings)	Job	4515142
R3-ME-19-SI-15P-17	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+17 floor (18Stops/18 Landings)	Job	4698930
R3-ME-19-SI-15P-18	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+18 floor (19Stops/19 Landings)	Job	4882716
R3-ME-19-SI-15P-19	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+19 floor (20Stops/20 Landings)	Job	5066503
R3-ME-19-SI-15P-20	SITC of Passenger cum stretcher/ hospital gearless lift for 15 Passenger/1020 Kg, G+20 floor (21Stops/21 Landings)	Job	5250291
<b>R3-ME-19-SI-16P</b>	SITC OF 16 PASSENGER/1088 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 1000 mm wide X 2000 mm high Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-16P-1	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+1 floor (2Stops/2 Landings)	Job	1916894
R3-ME-19-SI-16P-2	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+2 floor (3Stops/3 Landings)	Job	2087780
R3-ME-19-SI-16P-3	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+3 floor (4Stops/4 Landings)	Job	2258664

R3-ME-19-SI-16P-4	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+4 floor (5Stops/5 Landings)	Job	2429549
R3-ME-19-SI-16P-5	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+5 floor (6Stops/6 Landings)	Job	2600435
R3-ME-19-SI-16P-6	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+6 floor (7Stops/7 Landings)	Job	2771319
R3-ME-19-SI-16P-7	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+7 floor (8Stops/8 Landings)	Job	2949863
R3-ME-19-SI-16P-8	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+8 floor (9Stops/9 Landings)	Job	3128405
R3-ME-19-SI-16P-9	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+9 floor (10Stops/10 Landings)	Job	3306948
R3-ME-19-SI-16P-10	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+10 floor (11Stops/11 Landings)	Job	3485492
R3-ME-19-SI-16P-11	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+11 floor (12Stops/12 Landings)	Job	3664035
R3-ME-19-SI-16P-12	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+12 floor (13Stops/13 Landings)	Job	3842577
R3-ME-19-SI-16P-13	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+13 floor (14Stops/14 Landings)	Job	4021120
R3-ME-19-SI-16P-14	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+14 floor (15Stops/15 Landings)	Job	4199664
R3-ME-19-SI-16P-15	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+15 floor (16Stops/16 Landings)	Job	4378207
R3-ME-19-SI-16P-16	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+16 floor (17Stops/17 Landings)	Job	4561993
R3-ME-19-SI-16P-17	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+17 floor (18Stops/18 Landings)	Job	4745781
R3-ME-19-SI-16P-18	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+18 floor (19Stops/19 Landings)	Job	4929568
R3-ME-19-SI-16P-19	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+19 floor (20Stops/20 Landings)	Job	5113354
R3-ME-19-SI-16P-20	SITC of Passenger gearless lift for 16 Passenger/1088 Kg, G+20 floor (21Stops/21 Landings)	Job	5297142

<b>R3-ME-19-SI-18P</b>	SITC OF 18 PASSENGER/1224 Kg GEARLESS LIFT MR/MRL COPO/ TOPO doors with frame having opening of 1100 mm wide X 2000 mm high Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-18P-1	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+1 floor (2Stops/2 Landings)	Job	2025992
R3-ME-19-SI-18P-2	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+2 floor (3Stops/3 Landings)	Job	2202108
R3-ME-19-SI-18P-3	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+3 floor (4Stops/4 Landings)	Job	2378225
R3-ME-19-SI-18P-4	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+4 floor (5Stops/5 Landings)	Job	2554342
R3-ME-19-SI-18P-5	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+5 floor (6Stops/6 Landings)	Job	2730459
R3-ME-19-SI-18P-6	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+6 floor (7Stops/7 Landings)	Job	2906576
R3-ME-19-SI-18P-7	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+7 floor (8Stops/8 Landings)	Job	3090569
R3-ME-19-SI-18P-8	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+8 floor (9Stops/9 Landings)	Job	3274560
R3-ME-19-SI-18P-9	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+9 floor (10Stops/10 Landings)	Job	3458553
R3-ME-19-SI-18P-10	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+10 floor (11Stops/11 Landings)	Job	3642544
R3-ME-19-SI-18P-11	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+11 floor (12Stops/12 Landings)	Job	3826536
R3-ME-19-SI-18P-12	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+12 floor (13Stops/13 Landings)	Job	4010529
R3-ME-19-SI-18P-13	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+13 floor (14Stops/14 Landings)	Job	4194520
R3-ME-19-SI-18P-14	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+14 floor (15Stops/15 Landings)	Job	4378513
R3-ME-19-SI-18P-15	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+15 floor (16Stops/16 Landings)	Job	4562504
R3-ME-19-SI-18P-16	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+16 floor (17Stops/17 Landings)	Job	4751921

R3-ME-19-SI-18P-17	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+17 floor (18Stops/18Landings)	Job	4941338
R3-ME-19-SI-18P-18	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+18 floor (19Stops/19 Landings)	Job	5130755
R3-ME-19-SI-18P-19	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+19 floor (20Stops/20 Landings)	Job	5320172
R3-ME-19-SI-18P-20	SITC of Passenger gearless lift for 18 Passenger/1224 Kg, G+20 floor (21Stops/21 Landings)	Job	5509590
<b>R3-ME-19-SI-20P</b>	SITC OF 20 PASSENGER CUM STRETCHER/ HOSPITAL GEARLESS LIFT /1360 Kg MR/MRL, COPO/ TOPO doors with frame having opening of 1100/1200 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-20P-1	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+1 floor (2Stops/2 Landings)	Job	2231304
R3-ME-19-SI-20P-2	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+2 floor (3Stops/3 Landings)	Job	2407421
R3-ME-19-SI-20P-3	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+3 floor (4Stops/4 Landings)	Job	2583538
R3-ME-19-SI-20P-4	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+4 floor (5Stops/5 Landings)	Job	2759655
R3-ME-19-SI-20P-5	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+5 floor (6Stops/6 Landings)	Job	2935772
R3-ME-19-SI-20P-6	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+6 floor (7Stops/7 Landings)	Job	3111890
R3-ME-19-SI-20P-7	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+7 floor (8Stops/8 Landings)	Job	3295881
R3-ME-19-SI-20P-8	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+8 floor (9Stops/9 Landings)	Job	3479874
R3-ME-19-SI-20P-9	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+9 floor (10Stops/10 Landings)	Job	3663865
R3-ME-19-SI-20P-10	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+10 floor (11Stops/11 Landings)	Job	3847858
R3-ME-19-SI-20P-11	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+11 floor (12Stops/12 Landings)	Job	4031849

R3-ME-19-SI-20P-12	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+12 floor (13Stops/13 Landings)	Job	4215842
R3-ME-19-SI-20P-13	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+13 floor (14Stops/14 Landings)	Job	4399833
R3-ME-19-SI-20P-14	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+14 floor (15Stops/15 Landings)	Job	4583825
R3-ME-19-SI-20P-15	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+15 floor (16Stops/16 Landings)	Job	4767818
R3-ME-19-SI-20P-16	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+16 floor (17Stops/17 Landings)	Job	4957235
R3-ME-19-SI-20P-17	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+17 floor (18Stops/18 Landings)	Job	5146652
R3-ME-19-SI-20P-18	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+18 floor (19Stops/19 Landings)	Job	5336069
R3-ME-19-SI-20P-19	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+19 floor (20Stops/20 Landings)	Job	5525486
R3-ME-19-SI-20P-20	SITC of Passenger cum stretcher/ hospital gearless lift for 20 Passenger/1360 Kg, G+20 floor (21Stops/21 Landings)	Job	5714903
<b>R3-ME-19-SI-22P</b>	SITC OF 22 PASSENGER/1496 Kg GEARLESS LIFT MR/MRL, COPO/ TOPO doors with frame having opening of 1100 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-22P-1	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+1 floor (2Stops/2 Landings)	Job	2289316
R3-ME-19-SI-22P-2	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+2 floor (3Stops/3 Landings)	Job	2465433
R3-ME-19-SI-22P-3	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+3 floor (4Stops/4 Landings)	Job	2641550
R3-ME-19-SI-22P-4	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+4 floor (5Stops/5 Landings)	Job	2817668
R3-ME-19-SI-22P-5	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+5 floor (6Stops/6 Landings)	Job	2993785
R3-ME-19-SI-22P-6	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+6 floor (7Stops/7 Landings)	Job	3169902
R3-ME-19-SI-22P-7	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+7 floor (8Stops/8 Landings)	Job	3353893

R3-ME-19-SI-22P-8	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+8 floor (9Stops/9 Landings)	Job	3537886
R3-ME-19-SI-22P-9	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+9 floor (10Stops/10 Landings)	Job	3721877
R3-ME-19-SI-22P-10	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+10 floor (11Stops/11 Landings)	Job	3905869
R3-ME-19-SI-22P-11	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+11 floor (12Stops/12 Landings)	Job	4089861
R3-ME-19-SI-22P-12	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+12 floor (13Stops/13 Landings)	Job	4273853
R3-ME-19-SI-22P-13	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+13 floor (14Stops/14 Landings)	Job	4457846
R3-ME-19-SI-22P-14	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+14 floor (15Stops/15 Landings)	Job	4641837
R3-ME-19-SI-22P-15	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+15 floor (16Stops/16 Landings)	Job	4825830
R3-ME-19-SI-22P-16	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+16 floor (17Stops/17 Landings)	Job	5015247
R3-ME-19-SI-22P-17	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+17 floor (18Stops/18 Landings)	Job	5204664
R3-ME-19-SI-22P-18	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+18 floor (19Stops/19 Landings)	Job	5394081
R3-ME-19-SI-22P-19	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+19 floor (20Stops/20 Landings)	Job	5583497
R3-ME-19-SI-22P-20	SITC of Passenger gearless lift for 22 Passenger/1496 Kg, G+20 floor (21Stops/21 Landings)	Job	5772914
<b>R3-ME-19-SI-23P</b>	SITC OF 23 STRETCHER/ HOSPITAL GEARLESS LIFT /1564 Kg MR/MRL, COPO/ TOPO doors with frame having opening of 1300 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-23P-1	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+1 floor (2Stops/2 Landings)	Job	2349879
R3-ME-19- SI - 23P-2	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+2 floor (3Stops/3 Landings)	Job	2537922
R3-ME-19- SI - 23P-3	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+3 floor (4Stops/4 Landings)	Job	2725966



R3-ME-19- SI - 23P-4	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+4 floor (5Stops/5 Landings)	Job	2914010
R3-ME-19- SI - 23P-5	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+5 floor (6Stops/6 Landings)	Job	3102054
R3-ME-19- SI - 23P-6	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+6 floor (7Stops/7 Landings)	Job	3290098
R3-ME-19- SI - 23P-7	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+7 floor (8Stops/8 Landings)	Job	3486421
R3-ME-19- SI - 23P-8	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+8 floor (9Stops/9 Landings)	Job	3682744
R3-ME-19- SI - 23P-9	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+9 floor (10Stops/10 Landings)	Job	3879068
R3-ME-19- SI - 23P-10	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+10 floor (11Stops/11 Landings)	Job	4075391
R3-ME-19- SI - 23P-11	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+11 floor (12Stops/12 Landings)	Job	4271714
R3-ME-19- SI - 23P-12	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+12 floor (13Stops/13 Landings)	Job	4468036
R3-ME-19- SI - 23P-13	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+13 floor (14Stops/14 Landings)	Job	4664359
R3-ME-19- SI - 23P-14	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+14 floor (15Stops/15 Landings)	Job	4860682
R3-ME-19- SI - 23P-15	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+15 floor (16Stops/16 Landings)	Job	5057005
R3-ME-19- SI - 23P-16	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+16 floor (17Stops/17 Landings)	Job	5259119
R3-ME-19- SI - 23P-17	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+17 floor (18Stops/18 Landings)	Job	5461231
R3-ME-19- SI - 23P-18	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+18 floor (19Stops/19 Landings)	Job	5663344
R3-ME-19- SI - 23P-19	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+19 floor (20Stops/20 Landings)	Job	5865458
R3-ME-19- SI - 23P-20	SITC of Stretcher/ Hospital gearless lift for 23 Passenger/1564 Kg, G+20 floor (21Stops/21 Landings)	Job	6067570

<b>R3-ME-19-SI-26P</b>	SITC OF 26 PASSENGER CUM STRETCHER/ HOSPITAL GEARLESS LIFT /1768 Kg MR/MRL, COPO/ TOPO doors with frame having opening of 1100/1200 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-26P-1	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+1 floor (2Stops/2 Landings)	Job	2443592
R3-ME-19-SI-26P-2	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+2 floor (3Stops/3 Landings)	Job	2625940
R3-ME-19-SI-26P-3	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+3 floor (4Stops/4 Landings)	Job	2808287
R3-ME-19-SI-26P-4	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+4 floor (5Stops/5 Landings)	Job	2990636
R3-ME-19-SI-26P-5	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+5 floor (6Stops/6 Landings)	Job	3172983
R3-ME-19-SI-26P-6	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+6 floor (7Stops/7 Landings)	Job	3355331
R3-ME-19-SI-26P-7	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+7 floor (8Stops/8 Landings)	Job	3545855
R3-ME-19-SI-26P-8	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+8 floor (9Stops/9 Landings)	Job	3736380
R3-ME-19-SI-26P-9	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+9 floor (10Stops/10 Landings)	Job	3926903
R3-ME-19-SI-26P-10	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+10 floor (11Stops/11 Landings)	Job	4117427
R3-ME-19-SI-26P-11	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+11 floor (12Stops/12 Landings)	Job	4307952
R3-ME-19-SI-26P-12	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+12 floor (13Stops/13 Landings)	Job	4498475
R3-ME-19-SI-26P-13	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+13 floor (14Stops/14 Landings)	Job	4688999
R3-ME-19-SI-26P-14	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+14 floor (15Stops/15 Landings)	Job	4879524
R3-ME-19-SI-26P-15	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+15 floor (16Stops/16 Landings)	Job	5070047

R3-ME-19-SI-26P-16	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+16 floor (17Stops/17 Landings)	Job	5266124
R3-ME-19-SI-26P-17	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+17 floor (18Stops/18 Landings)	Job	5462199
R3-ME-19-SI-26P-18	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+18 floor (19Stops/19 Landings)	Job	5658275
R3-ME-19-SI-26P-19	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+19 floor (20Stops/20 Landings)	Job	5854352
R3-ME-19-SI-26P-20	SITC of Passenger cum stretcher/ Hospital gearless lift for 26 Passenger/1768 Kg, G+20 floor (21Stops/21 Landings)	Job	6050427
<b>R3-ME-19-SI-29P</b>	SITC OF 29 STRETCHER/ HOSPITAL GEARLESS LIFT /1972 Kg MR/MRL,COPO/ TOPO doors with frame having opening of 1200/1300/1400 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-29P-1	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+1 floor (2Stops/2 Landings)	Job	2589548
R3-ME-19-SI-29P-2	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+2 floor (3Stops/3 Landings)	Job	2777592
R3-ME-19-SI-29P-3	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+3 floor (4Stops/4 Landings)	Job	2965636
R3-ME-19-SI-29P-4	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+4 floor (5Stops/5 Landings)	Job	3153681
R3-ME-19-SI-29P-5	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+5 floor (6Stops/6 Landings)	Job	3341725
R3-ME-19-SI-29P-6	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+6 floor (7Stops/7 Landings)	Job	3529769
R3-ME-19-SI-29P-7	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+7 floor (8Stops/8 Landings)	Job	3726092
R3-ME-19-SI-29P-8	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+8 floor (9Stops/9 Landings)	Job	3922414
R3-ME-19-SI-29P-9	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+9 floor (10Stops/10 Landings)	Job	4118737
R3-ME-19-SI-29P-10	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+10 floor (11Stops/11 Landings)	Job	4315060
R3-ME-19-SI-29P-11	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+11 floor (12Stops/12 Landings)	Job	4511383

R3-ME-19-SI-29P-12	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+12 floor (13Stops/13 Landings)	Job	4707707
R3-ME-19-SI-29P-13	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+13 floor (14Stops/14 Landings)	Job	4904030
R3-ME-19-SI-29P-14	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+14 floor (15Stops/15 Landings)	Job	5100353
R3-ME-19-SI-29P-15	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+15 floor (16Stops/16 Landings)	Job	5296675
R3-ME-19-SI-29P-16	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+16 floor (17Stops/17 Landings)	Job	5498788
R3-ME-19-SI-29P-17	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+17 floor (18Stops/18 Landings)	Job	5700902
R3-ME-19-SI-29P-18	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+18 floor (19Stops/19 Landings)	Job	5903014
R3-ME-19-SI-29P-19	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+19 floor (20Stops/20 Landings)	Job	6105127
R3-ME-19-SI-29P-20	SITC of Passenger cum stretcher/ Hospital gearless lift for 29 Passenger/1972 Kg, G+20 floor (21Stops/21 Landings)	Job	6307241
<b>R3-ME-19-SI-36P</b>	SITC OF 36 STRETCHER/ HOSPITAL GEARLESS LIFT /2448 Kg MR/MRL,COPO/ TOPO doors with frame having opening of 1400 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-36P-1	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+1 floor (2Stops/2 Landings)	Job	2902724
R3-ME-19-SI-36P-2	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+2 floor (3Stops/3 Landings)	Job	3096563
R3-ME-19-SI-36P-3	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+3 floor (4Stops/4 Landings)	Job	3290402
R3-ME-19-SI-36P-4	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+4 floor (5Stops/5 Landings)	Job	3484241
R3-ME-19-SI-36P-5	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+5 floor (6Stops/6 Landings)	Job	3678080
R3-ME-19-SI-36P-6	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+6 floor (7Stops/7 Landings)	Job	3871919
R3-ME-19-SI-36P-7	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+7 floor (8Stops/8 Landings)	Job	4074249

R3-ME-19-SI-36P-8	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+8 floor (9Stops/9 Landings)	Job	4276581
R3-ME-19-SI-36P-9	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+9 floor (10Stops/10 Landings)	Job	4478911
R3-ME-19-SI-36P-10	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+10 floor (11Stops/11 Landings)	Job	4681242
R3-ME-19-SI-36P-11	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+11 floor (12Stops/12 Landings)	Job	4883574
R3-ME-19-SI-36P-12	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+12 floor (13Stops/13 Landings)	Job	5085904
R3-ME-19-SI-36P-13	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+13 floor (14Stops/14 Landings)	Job	5288236
R3-ME-19-SI-36P-14	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+14 floor (15Stops/15 Landings)	Job	5490566
R3-ME-19-SI-36P-15	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+15 floor (16Stops/16 Landings)	Job	5692897
R3-ME-19-SI-36P-16	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+16 floor (17Stops/17 Landings)	Job	5901236
R3-ME-19-SI-36P-17	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+17 floor (18Stops/18 Landings)	Job	6109575
R3-ME-19-SI-36P-18	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+18 floor (19Stops/19 Landings)	Job	6317914
R3-ME-19-SI-36P-19	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+19 floor (20Stops/20 Landings)	Job	6526253
R3-ME-19-SI-36P-20	SITC of Stretcher/ Hospital gearless lift for 36 Passenger/2448 Kg, G+20 floor (21Stops/21 Landings)	Job	6734592
<b>R3-ME-19-SI-3TMR</b>	SITC OF GOODS GEARLESS LIFT/3000Kg (3 Ton) Goods/44 Passengers MR, rated speed-0.6 to 1 m/s, COPO/ TOPO doors with frame having opening of 1700 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-3TMR-1	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+1 floor (2Stops/2 Landings) MR	Job	2968207
R3-ME-19-SI-3TMR-2	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+2 floor (3Stops/3 Landings) MR	Job	3181907

R3-ME-19-SI-3TMR-3	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+3 floor (4Stops/4 Landings)MR	Job	3395607
R3-ME-19-SI-3TMR-4	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+4 floor (5Stops/5 Landings) MR	Job	3609307
R3-ME-19-SI-3TMR-5	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+5 floor (6Stops/6 Landings) MR	Job	3823007
R3-ME-19-SI-3TMR-6	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+6 floor (7Stops/7 Landings) MR	Job	4036707
R3-ME-19-SI-3TMR-7	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+7 floor (8Stops/8 Landings) MR	Job	4259931
R3-ME-19-SI-3TMR-8	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+8 floor (9Stops/9 Landings) MR	Job	4483157
R3-ME-19-SI-3TMR-9	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+9 floor (10Stops/10 Landings) MR	Job	4706381
<b>R3-ME-19-SI-3TML</b>	SITC OF GOODS GEARLESS LIFT/3000Kg (3 Ton) Goods/44 PassengersMRL, rated speed-0.6 to 1 m/s, doors with frame having opening of 1800 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-3TML-1	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+1 floor (2Stops/2 Landings) MRL	Job	3041204
R3-ME-19-SI-3TML-2	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+2 floor (3Stops/3 Landings) MRL	Job	3265720
R3-ME-19-SI-3TML-3	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+3 floor (4Stops/4 Landings)MRL	Job	3490236
R3-ME-19-SI-3TML-4	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+4 floor (5Stops/5 Landings) MRL	Job	3714753
R3-ME-19-SI-3TML-5	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+5 floor (6Stops/6 Landings) MRL	Job	3939269
R3-ME-19-SI-3TML-6	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+6 floor (7Stops/7 Landings) MRL	Job	4163785
R3-ME-19-SI-3TML-7	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+7 floor (8Stops/8 Landings) MRL	Job	4398202
R3-ME-19-SI-3TML-8	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+8 floor (9Stops/9 Landings) MRL	Job	4632619

R3-ME-19-SI-3TML-9	SITC of Goods gearless lift/3000Kg (3 Ton) Goods, G+9 floor (10Stops/10 Landings) MRL	Job	4867036
<b>R3-ME-19-SI-4TMR</b>	SITC OF GOODS GEARLESS LIFT/4000Kg (4 Ton) Goods/59 Passengers MR, rated speed-0.6 to 1 m/s, COPO/ TOPO doors with frame having opening of 1700 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-4TMR-1	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+1 floor (2Stops/2 Landings)MR	Job	3287061
R3-ME-19-SI-4TMR-2	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+2 floor (3Stops/3 Landings) MR	Job	3531875
R3-ME-19-SI-4TMR-3	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+3 floor (4Stops/4 Landings)MR	Job	3776687
R3-ME-19-SI-4TMR-4	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+4 floor (5Stops/5 Landings) MR	Job	4021500
R3-ME-19-SI-4TMR-5	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+5 floor (6Stops/6 Landings) MR	Job	4266314
R3-ME-19-SI-4TMR-6	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+6 floor (7Stops/7 Landings) MR	Job	4511126
R3-ME-19-SI-4TMR-7	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+7 floor (8Stops/8 Landings) MR	Job	4766731
R3-ME-19-SI-4TMR-8	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+8 floor (9Stops/9 Landings) MR	Job	5022336
R3-ME-19-SI-4TMR-9	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+9 floor (10Stops/10 Landings) MR	Job	5277942
<b>R3-ME-19-SI-4TML</b>	SITC OF GOODS GEARLESS LIFT/4000Kg (4 Ton) Goods/59 Passengers MRL, rated speed-0.6 to 1 m/s, doors with frame having opening of 1800 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		

R3-ME-19-SI-4TML-1	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+1 floor (2Stops/2 Landings)MRL	Job	3338957
R3-ME-19-SI-4TML-2	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+2 floor (3Stops/3 Landings) MRL	Job	3563472
R3-ME-19-SI-4TML-3	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+3 floor (4Stops/4 Landings)MRL	Job	3787988
R3-ME-19-SI-4TML-4	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+4 floor (5Stops/5 Landings) MRL	Job	4012504
R3-ME-19-SI-4TML-5	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+5 floor (6Stops/6 Landings) MRL	Job	4237020
R3-ME-19-SI-4TML-6	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+6 floor (7Stops/7 Landings) MRL	Job	4461536
R3-ME-19-SI-4TML-7	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+7 floor (8Stops/8 Landings) MRL	Job	4695953
R3-ME-19-SI-4TML-8	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+8 floor (9Stops/9 Landings) MRL	Job	4930370
R3-ME-19-SI-4TML-9	SITC of Goods gearless lift/4000Kg (4 Ton) Goods, G+9 floor (10Stops/10 Landings) MRL	Job	5164787
<b>R3-ME-19-SI-5TMR</b>	SITC OF GOODS GEARLESS LIFT/5000Kg (5 Ton) Goods/73 Passengers MR, rated speed-0.6 to 1 m/s, COPO/ TOPOdoors with frame having opening of 1700 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-5TMR-1	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+1 floor (2Stops/2 Landings)MR	Job	3500060
R3-ME-19-SI-5TMR-2	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+2 floor (3Stops/3 Landings) MR	Job	3744874
R3-ME-19-SI-5TMR-3	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+3 floor (4Stops/4 Landings)MR	Job	3989686
R3-ME-19-SI-5TMR-4	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+4 floor (5Stops/5 Landings) MR	Job	4234499
R3-ME-19-SI-5TMR-5	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+5 floor (6Stops/6 Landings) MR	Job	4479313
R3-ME-19-SI-5TMR-6	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+6 floor (7Stops/7 Landings) MR	Job	4724125



R3-ME-19-SI-5TMR-7	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+7 floor (8Stops/8 Landings) MR	Job	4979731
R3-ME-19-SI-5TMR-8	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+8 floor (9Stops/9 Landings) MR	Job	5235336
R3-ME-19-SI-5TMR-9	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+9 floor (10Stops/10 Landings) MR	Job	5490941
<b>R3-ME-19-SI-5TML</b>	SITC OF GOODS GEARLESS LIFT/5000Kg (5 Ton) Goods/73 Passengers MRL, rated speed-0.6 to 1 m/s, doors with frame having opening of 1700 mm wide X 2000 mm high, Automatic Rescue Device, Audio- Visual, Overload indicator, Infra red curtain, 3VF drive, Emergency alarm, Fire alarm switch, overload warning indicator, suitable door safety as specified, suitable for physically challenged persons, complete in all respect as specified in technical specifications. The lift shall be provided with 3 year free defect liability period.		
R3-ME-19-SI-5TML-1	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+1 floor (2Stops/2 Landings)MRL	Job	3581276
R3-ME-19-SI-5TML-2	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+2 floor (3Stops/3 Landings) MRL	Job	3834753
R3-ME-19-SI-5TML-3	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+3 floor (4Stops/4 Landings)MRL	Job	4088229
R3-ME-19-SI-5TML-4	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+4 floor (5Stops/5 Landings) MRL	Job	4341704
R3-ME-19-SI-5TML-5	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+5 floor (6Stops/6 Landings) MRL	Job	4595181
R3-ME-19-SI-5TML-6	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+6 floor (7Stops/7 Landings) MRL	Job	4848657
R3-ME-19-SI-5TML-7	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+7 floor (8Stops/8 Landings) MRL	Job	5113446
R3-ME-19-SI-5TML-8	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+8 floor (9Stops/9 Landings) MRL	Job	5378235
R3-ME-19-SI-5TML-9	SITC of Goods gearless lift/5000Kg (5 Ton) Goods, G+9 floor (10Stops/10 Landings) MRL	Job	5643024
<b>II</b>	<b>Dismantling of Various Types of Lifts</b>		

<b>R3-ME-19-Dm-a</b>	Dismantling of the existing 4 to 7 Passenger lift of all types having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.		
R3-ME-19-Dm-a-1	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops)	Job	29357
R3-ME-19-Dm-a-2	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+2 floor (3 Stops/3 Landings)	Job	31176
R3-ME-19-Dm-a-3	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+3 floor (4 Stops/4 Landings)	Job	32997
R3-ME-19-Dm-a-4	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+4 floor (5 Stops/5 Landings)	Job	34816
R3-ME-19-Dm-a-5	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+5 floor (6 Stops/6 Landings)	Job	36636
R3-ME-19-Dm-a-6	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+6 floor (7Stops/7 Landings)	Job	38457
R3-ME-19-Dm-a-7	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+7 floor (8 Stops/8 Landings)	Job	40447
R3-ME-19-Dm-a-8	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+8 floor (9 Stops/9 Landings)	Job	42436
R3-ME-19-Dm-a-9	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+9 floor (10 Stops/10 Landings)	Job	44426
R3-ME-19-Dm-a-10	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+10 floor (11 Stops/11 Landings)	Job	46416
R3-ME-19-Dm-a-11	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+11 floor (12Stops/12 Landings)	Job	48407
R3-ME-19-Dm-a-12	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+12 floor (13Stops/13 Landings)	Job	50397
R3-ME-19-Dm-a-13	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+13 floor (14Stops/14 Landings)	Job	52386
R3-ME-19-Dm-a-14	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+14 floor (15Stops/15 Landings)	Job	54376
R3-ME-19-Dm-a-15	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+15 floor (16 Stops/16 Landings)	Job	56366
R3-ME-19-Dm-a-16	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+16 floor (17 Stops/17 Landings)	Job	58474

R3-ME-19-Dm-a-17	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+17 floor (18 Stops/18 Landings)	Job	60581
R3-ME-19-Dm-a-18	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+18 floor (19Stops/19 Landings)	Job	62687
R3-ME-19-Dm-a-19	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+19 floor (20 Stops/20 Landings)	Job	64794
R3-ME-19-Dm-a-20	Dismantling of the existing 4 to 7 Passenger lift of all types travelling G+20 floor (21 Stops/21 Landings)	Job	66902
<b>R3-ME-19-Dm-b</b>	Dismantling of the existing 8 to 12 Passenger lift of all types with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.		
R3-ME-19-Dm-b-1	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops)	Job	31758
R3-ME-19-Dm-b-2	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+2 floor (3 Stops/3 Landings)	Job	33747
R3-ME-19-Dm-b-3	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+3 floor (4 Stops/4 Landings)	Job	35737
R3-ME-19-Dm-b-4	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+4 floor (5 Stops/5 Landings)	Job	37727
R3-ME-19-Dm-b-5	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+5 floor (6 Stops/6 Landings)	Job	39718
R3-ME-19-Dm-b-6	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+6 floor (7Stops/7 Landings)	Job	41708
R3-ME-19-Dm-b-7	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+7 floor (8 Stops/8 Landings)	Job	43814
R3-ME-19-Dm-b-8	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+8 floor (9 Stops/9 Landings)	Job	45921
R3-ME-19-Dm-b-9	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+9 floor (10 Stops/10 Landings)	Job	48029
R3-ME-19-Dm-b-10	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+10 floor (11 Stops/11 Landings)	Job	50136
R3-ME-19-Dm-b-11	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+11 floor (12Stops/12 Landings)	Job	52242
R3-ME-19-Dm-b-12	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+12 floor (13Stops/13 Landings)	Job	54349

R3-ME-19-Dm-b-13	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+13 floor (14Stops/14 Landings)	Job	56457
R3-ME-19-Dm-b-14	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+14 floor (15Stops/15 Landings)	Job	58564
R3-ME-19-Dm-b-15	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+15 floor (16 Stops/16 Landings)	Job	60670
R3-ME-19-Dm-b-16	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+16 floor (17 Stops/17 Landings)	Job	63072
R3-ME-19-Dm-b-17	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+17 floor (18 Stops/18 Landings)	Job	65475
R3-ME-19-Dm-b-18	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+18 floor (19Stops/19 Landings)	Job	67876
R3-ME-19-Dm-b-19	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+19 floor (20 Stops/20 Landings)	Job	70279
R3-ME-19-Dm-b-20	Dismantling of the existing 8 to 12 Passenger lift of all types travelling G+20 floor (21 Stops/21 Landings)	Job	72681
<b>R3-ME-19-Dm-c</b>	Dismantling of the existing 13 to 17 Passenger/Stretcher/Goods lift of all types with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.		
R3-ME-19-Dm-c-1	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops)	Job	34124
R3-ME-19-Dm-c-2	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+2 floor (3 Stops/3 Landings)	Job	36231
R3-ME-19-Dm-c-3	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+3 floor (4 Stops/4 Landings)	Job	38337
R3-ME-19-Dm-c-4	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+4 floor (5 Stops/5 Landings)	Job	40444
R3-ME-19-Dm-c-5	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+5 floor (6 Stops/6 Landings)	Job	42552
R3-ME-19-Dm-c-6	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+6 floor (7Stops/7 Landings)	Job	44658
R3-ME-19-Dm-c-7	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+7 floor (8 Stops/8 Landings)	Job	47060
R3-ME-19-Dm-c-8	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+8 floor (9 Stops/9 Landings)	Job	49463

R3-ME-19-Dm-c-9	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+9 floor (10 Stops/10 Landings)	Job	51864
R3-ME-19-Dm-c-10	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+10 floor (11 Stops/11 Landings)	Job	54266
R3-ME-19-Dm-c-11	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+11 floor (12Stops/12 Landings)	Job	56669
R3-ME-19-Dm-c-12	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+12 floor (13Stops/13 Landings)	Job	59070
R3-ME-19-Dm-c-13	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+13 floor (14Stops/14 Landings)	Job	61472
R3-ME-19-Dm-c-14	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+14 floor (15Stops/15 Landings)	Job	63875
R3-ME-19-Dm-c-15	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+15 floor (16 Stops/16 Landings)	Job	66276
R3-ME-19-Dm-c-16	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+16 floor (17 Stops/17 Landings)	Job	68793
R3-ME-19-Dm-c-17	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+17 floor (18 Stops/18 Landings)	Job	71310
R3-ME-19-Dm-c-18	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+18 floor (19Stops/19 Landings)	Job	73827
R3-ME-19-Dm-c-19	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+19 floor (20 Stops/20 Landings)	Job	76344
R3-ME-19-Dm-c-20	Dismantling of the existing 13 to 17 Passenger lift of all types travelling G+20 floor (21 Stops/21 Landings)	Job	78861
<b>R3-ME-19-Dm-d</b>	Dismantling of the existing 18 to 22 Passenger/Stretcher/Goods lift of all types with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.		
R3-ME-19-Dm-d-1	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops)	Job	36813
R3-ME-19-Dm-d-2	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+2 floor (3 Stops/3 Landings)	Job	39214
R3-ME-19-Dm-d-3	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+3 floor (4 Stops/4 Landings)	Job	41616
R3-ME-19-Dm-d-4	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+4 floor (5 Stops/5 Landings)	Job	44019

R3-ME-19-Dm-d-5	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+5 floor (6 Stops/6 Landings)	Job	46420
R3-ME-19-Dm-d-6	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+6 floor (7Stops/7 Landings)	Job	48822
R3-ME-19-Dm-d-7	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+7 floor (8 Stops/8 Landings)	Job	51340
R3-ME-19-Dm-d-8	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+8 floor (9 Stops/9 Landings)	Job	53857
R3-ME-19-Dm-d-9	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+9 floor (10 Stops/10 Landings)	Job	56374
R3-ME-19-Dm-d-10	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+10 floor (11 Stops/11 Landings)	Job	58891
R3-ME-19-Dm-d-11	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+11 floor (12Stops/12 Landings)	Job	61408
R3-ME-19-Dm-d-12	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+12 floor (13Stops/13 Landings)	Job	63925
R3-ME-19-Dm-d-13	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+13 floor (14Stops/14 Landings)	Job	66442
R3-ME-19-Dm-d-14	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+14 floor (15Stops/15 Landings)	Job	68958
R3-ME-19-Dm-d-15	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+15 floor (16 Stops/16 Landings)	Job	71475
R3-ME-19-Dm-d-16	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+16 floor (17 Stops/17 Landings)	Job	74147
R3-ME-19-Dm-d-17	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+17 floor (18 Stops/18 Landings)	Job	76818
R3-ME-19-Dm-d-18	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+18 floor (19Stops/19 Landings)	Job	79488
R3-ME-19-Dm-d-19	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+19 floor (20 Stops/20 Landings)	Job	82159
R3-ME-19-Dm-d-20	Dismantling of the existing 18 to 22 Passenger lift of all types travelling G+20 floor (21 Stops/21 Landings)	Job	84831
<b>R3-ME-19-Dm-e</b>	Dismantling of the existing 23 to 26 Passenger/Stretcher/Goods lift of all types with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete		

R3-ME-19-Dm-e-1	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops)	Job	39258
R3-ME-19-Dm-e-2	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+2 floor (3 Stops/3 Landings)	Job	41775
R3-ME-19-Dm-e-3	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+3 floor (4 Stops/4 Landings)	Job	44292
R3-ME-19-Dm-e-4	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+4 floor (5 Stops/5 Landings)	Job	46809
R3-ME-19-Dm-e-5	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+5 floor (6 Stops/6 Landings)	Job	49326
R3-ME-19-Dm-e-6	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+6 floor (7Stops/7 Landings)	Job	51843
R3-ME-19-Dm-e-7	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+7 floor (8 Stops/8 Landings)	Job	54514
R3-ME-19-Dm-e-8	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+8 floor (9 Stops/9 Landings)	Job	57186
R3-ME-19-Dm-e-9	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+9 floor (10 Stops/10 Landings)	Job	59857
R3-ME-19-Dm-e-10	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+10 floor (11 Stops/11 Landings)	Job	62527
R3-ME-19-Dm-e-11	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+11 floor (12Stops/12 Landings)	Job	65198
R3-ME-19-Dm-e-12	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+12 floor (13Stops/13 Landings)	Job	67869
R3-ME-19-Dm-e-13	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+13 floor (14Stops/14 Landings)	Job	70541
R3-ME-19-Dm-e-14	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+14 floor (15Stops/15 Landings)	Job	73211
R3-ME-19-Dm-e-15	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+15 floor (16 Stops/16 Landings)	Job	75882
R3-ME-19-Dm-e-16	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+16 floor (17 Stops/17 Landings)	Job	78735
R3-ME-19-Dm-e-17	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+17 floor (18 Stops/18 Landings)	Job	81586
R3-ME-19-Dm-e-18	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+18 floor (19Stops/19 Landings)	Job	84438
R3-ME-19-Dm-e-19	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+19 floor (20 Stops/20 Landings)	Job	87291
R3-ME-19-Dm-e-20	Dismantling of the existing 23 to 26 Passenger lift of all types travelling G+20 floor (21 Stops/21 Landings)	Job	90142

<b>R3-ME-19-Dm-f</b>	Dismantling of the existing 27 to 36 Passenger/Stretcher of all types with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.		
R3-ME-19-Dm-f-1	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops)	Job	41909
R3-ME-19-Dm-f-2	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+2 floor (3 Stops/3 Landings)	Job	44581
R3-ME-19-Dm-f-3	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+3 floor (4 Stops/4 Landings)	Job	47252
R3-ME-19-Dm-f-4	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+4 floor (5 Stops/5 Landings)	Job	49922
R3-ME-19-Dm-f-5	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+5 floor (6 Stops/6 Landings)	Job	52593
R3-ME-19-Dm-f-6	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+6 floor (7Stops/7 Landings)	Job	55264
R3-ME-19-Dm-f-7	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+7 floor (8 Stops/8 Landings)	Job	58116
R3-ME-19-Dm-f-8	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+8 floor (9 Stops/9 Landings)	Job	60969
R3-ME-19-Dm-f-9	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+9 floor (10 Stops/10 Landings)	Job	63820
R3-ME-19-Dm-f-10	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+10 floor (11 Stops/11 Landings)	Job	66672
R3-ME-19-Dm-f-11	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+11 floor (12Stops/12 Landings)	Job	69525
R3-ME-19-Dm-f-12	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+12 floor (13Stops/13 Landings)	Job	72376
R3-ME-19-Dm-f-13	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+13 floor (14Stops/14 Landings)	Job	75229
R3-ME-19-Dm-f-14	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+14 floor (15Stops/15 Landings)	Job	78081
R3-ME-19-Dm-f-15	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+15 floor (16 Stops/16 Landings)	Job	80932
R3-ME-19-Dm-f-16	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+16 floor (17 Stops/17 Landings)	Job	83936



R3-ME-19-Dm-f-17	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+17 floor (18 Stops/18 Landings)	Job	86938
R3-ME-19-Dm-f-18	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+18 floor (19Stops/19 Landings)	Job	89942
R3-ME-19-Dm-f-19	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+19 floor (20 Stops/20 Landings)	Job	92944
R3-ME-19-Dm-f-20	Dismantling of the existing 27 to 36 Passenger lift of all types travelling G+20 floor (21 Stops/21 Landings)	Job	95947
<b>R3-ME-19-Dm-g</b>	Dismantling of the existing GOODS LIFT/3000-5000Kg (3-5 Ton) Goods with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete.		
R3-ME-19-Dm-g-1	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+1 floor (2Stops/2 Landings)	Job	44505
R3-ME-19-Dm-g-2	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+2 floor (3Stops/3 Landings)	Job	47358
R3-ME-19-Dm-g-3	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+3 floor (4Stops/4 Landings)	Job	50209
R3-ME-19-Dm-g-4	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+4 floor (5Stops/5 Landings)	Job	53061
R3-ME-19-Dm-g-5	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+5 floor (6Stops/6 Landings)	Job	55914
R3-ME-19-Dm-g-6	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+6 floor (7Stops/7 Landings)	Job	58765
R3-ME-19-Dm-g-7	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton)) Goods, G+7 floor (8Stops/8 Landings)	Job	61769
R3-ME-19-Dm-g-8	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+8 floor (9Stops/9 Landings)	Job	64771
R3-ME-19-Dm-g-9	Dismantling of Goods lift/3000-5000 Kg (3-5 Ton) Goods, G+9 floor (10Stops/10 Landings)	Job	67775
<b>III</b>	<b>Rebate of Various Types of Lifts</b>		
<b>R3-ME-19-Rb-4P</b>	<b>Rebate OF 4 PASSENGER/272 Kg LIFT</b>		
R3-ME-19-Rb-4P-1	Rebate of Passenger lift for 4 Passenger/272 Kg, G+1 floor (2Stops/2 Landings)	Job	-44754
R3-ME-19-Rb-4P-2	Rebate of Passenger lift for 4 Passenger/272 Kg, G+2 floor (3 Stops/3 Landings)	Job	-47788

R3-ME-19-Rb-4P-3	Rebate of Passenger lift for 4 Passenger/272 Kg, G+3 floor (4 Stops/4 Landings)	Job	-50822
R3-ME-19-Rb-4P-4	Rebate of Passenger lift for 4 Passenger/272 Kg, G+4 floor (5 Stops/5 Landings)	Job	-53856
R3-ME-19-Rb-4P-5	Rebate of Passenger lift for 4 Passenger/272 Kg, G+5 floor (6 Stops/6 Landings)	Job	-56890
R3-ME-19-Rb-4P-6	Rebate of Passenger lift for 4 Passenger/272 Kg, G+6 floor (7Stops/7 Landings)	Job	-59924
R3-ME-19-Rb-4P-7	Rebate of Passenger lift for 4 Passenger/272 Kg, G+7 floor (8 Stops/8 Landings)	Job	-62966
R3-ME-19-Rb-4P-8	Rebate of Passenger lift for 4 Passenger/272 Kg, G+8 floor (9 Stops/9 Landings)	Job	-66000
R3-ME-19-Rb-4P-9	Rebate of Passenger lift for 4 Passenger/272 Kg, G+9 floor (10 Stops/10 Landings)	Job	-69034
R3-ME-19-Rb-4P-10	Rebate of Passenger lift for 4 Passenger/272 Kg, G+10 floor (11 Stops/11 Landings)	Job	-72068
R3-ME-19-Rb-4P-11	Rebate of Passenger lift for 4 Passenger/272 Kg, G+11 floor (12Stops/12 Landings)	Job	-75102
R3-ME-19-Rb-4P-12	Rebate of Passenger lift for 4 Passenger/272 Kg, G+12 floor (13Stops/13 Landings)	Job	-78136
R3-ME-19-Rb-4P-13	Rebate of Passenger lift for 4 Passenger/272 Kg, G+13 floor (14Stops/14 Landings)	Job	-81169
R3-ME-19-Rb-4P-14	Rebate f of Passenger lift for 4 Passenger/272 Kg, G+14 floor (15Stops/15 Landings)	Job	-84203
R3-ME-19-Rb-4P-15	Rebate of Passenger lift for 4 Passenger/272 Kg, G+15 floor (16 Stops/16 Landings)	Job	-87237
R3-ME-19-Rb-4P-16	Rebate of Passenger lift for 4 Passenger/272 Kg, G+16 floor (17 Stops/17 Landings)	Job	-90271
R3-ME-19-Rb-4P-17	Rebate of Passenger lift for 4 Passenger/272 Kg, G+17 floor (18 Stops/18 Landings)	Job	-93305
R3-ME-19-Rb-4P-18	Rebate of Passenger lift for 4 Passenger/272 Kg, G+18 floor (19Stops/19 Landings)	Job	-96339
R3-ME-19-Rb-4P-19	Rebate of Passenger lift for 4 Passenger/272 Kg, G+19 floor (20 Stops/20 Landings)	Job	-99373
R3-ME-19-Rb-4P-20	Rebate of Passenger lift for 4 Passenger/272 Kg, G+20 floor (21 Stops/21 Landings)	Job	-102407
<b>R3-ME-19-Rb-6P</b>	<b>Rebate of 6 PASSENGER/408 Kg LIFT</b>		
R3-ME-19-Rb-6P-1	Rebate of Passenger lift for 6 Passenger/408 Kg , G+1 floor (2Stops/2 Landings)	Job	-49475
R3-ME-19-Rb-6P-2	Rebate of Passenger lift for 6 Passenger/408 Kg, G+2 floor (3 Stops/3 Landings)	Job	-52568

R3-ME-19-Rb-6P-3	Rebate of Passenger lift for 6 Passenger/408 Kg, G+3 floor (4 Stops/4 Landings)	Job	-55661
R3-ME-19-Rb-6P-4	Rebate of Passenger lift for 6 Passenger/408 Kg, G+4 floor (5 Stops/5 Landings)	Job	-58754
R3-ME-19-Rb-6P-5	Rebate of Passenger lift for 6 Passenger/408 Kg, G+5 floor (6 Stops/6 Landings)	Job	-61847
R3-ME-19-Rb-6P-6	Rebate of Passenger lift for 6 Passenger/408 Kg, G+6 floor (7Stops/7 Landings)	Job	-64941
R3-ME-19-Rb-6P-7	Rebate of Passenger lift for 6 Passenger/408 Kg, G+7 floor (8 Stops/8 Landings)	Job	-68034
R3-ME-19-Rb-6P-8	Rebate of Passenger lift for 6 Passenger/408 Kg, G+8 floor (9 Stops/9 Landings)	Job	-71127
R3-ME-19-Rb-6P-9	Rebate of Passenger lift for 6 Passenger/408 Kg, G+9 floor (10 Stops/10 Landings)	Job	-74220
R3-ME-19-Rb-6P-10	Rebate of Passenger lift for 6 Passenger/408 Kg, G+10 floor (11 Stops/11 Landings)	Job	-77314
R3-ME-19-Rb-6P-11	Rebate of Passenger lift for 6 Passenger/408 Kg, G+11 floor (12Stops/12 Landings)	Job	-80407
R3-ME-19-Rb-6P-12	Rebate of Passenger lift for 6 Passenger/408 Kg, G+12 floor (13Stops/13 Landings)	Job	-83500
R3-ME-19-Rb-6P-13	Rebate of Passenger lift for 6 Passenger/408 Kg, G+13 floor (14Stops/14 Landings)	Job	-86593
R3-ME-19-Rb-6P-14	Rebate f of Passenger lift for 6 Passenger/408 Kg, G+14 floor (15Stops/15 Landings)	Job	-89686
R3-ME-19-Rb-6P-15	Rebate of Passenger lift for 6 Passenger/408 Kg, G+15 floor (16 Stops/16 Landings)	Job	-92780
R3-ME-19-Rb-6P-16	Rebate of Passenger lift for 6 Passenger/408 Kg, G+16 floor (17 Stops/17 Landings)	Job	-95873
R3-ME-19-Rb-6P-17	Rebate of Passenger lift for 6 Passenger/408 Kg, G+17 floor (18 Stops/18 Landings)	Job	-98966
R3-ME-19-Rb-6P-18	Rebate of Passenger lift for 6 Passenger/408 Kg, G+18 floor (19Stops/19 Landings)	Job	-102059
R3-ME-19-Rb-6P-19	Rebate of Passenger lift for 6 Passenger/408 Kg, G+19 floor (20 Stops/20 Landings)	Job	-105153
R3-ME-19-Rb-6P-20	Rebate of Passenger lift for 6 Passenger/408 Kg, G+20 floor (21 Stops/21 Landings)	Job	-108246
<b>R3-ME-19-Rb-8P</b>	<b>Rebate of 8 PASSENGER/544 Kg LIFT</b>		
R3-ME-19-Rb-8P-1	Rebate of Passenger lift for 8 Passenger/544 Kg , G+1 floor (2Stops/2 Landings)	Job	-53610
R3-ME-19-Rb-8P-2	Rebate of Passenger lift for 8 Passenger/544 Kg, G+2 floor (3 Stops/3 Landings)	Job	-56729

R3-ME-19-Rb-8P-3	Rebate of Passenger lift for 8 Passenger/544 Kg, G+3 floor (4 Stops/4 Landings)	Job	-59839
R3-ME-19-Rb-8P-4	Rebate of Passenger lift for 8 Passenger/544 Kg, G+4 floor (5 Stops/5 Landings)	Job	-62958
R3-ME-19-Rb-8P-5	Rebate of Passenger lift for 8 Passenger/544 Kg, G+5 floor (6 Stops/6 Landings)	Job	-66076
R3-ME-19-Rb-8P-6	Rebate of Passenger lift for 8 Passenger/544 Kg, G+6 floor (7Stops/7 Landings)	Job	-69195
R3-ME-19-Rb-8P-7	Rebate of Passenger lift for 8 Passenger/544 Kg, G+7 floor (8 Stops/8 Landings)	Job	-72314
R3-ME-19-Rb-8P-8	Rebate of Passenger lift for 8 Passenger/544 Kg, G+8 floor (9 Stops/9 Landings)	Job	-75432
R3-ME-19-Rb-8P-9	Rebate of Passenger lift for 8 Passenger/544 Kg, G+9 floor (10 Stops/10 Landings)	Job	-78551
R3-ME-19-Rb-8P-10	Rebate of Passenger lift for 8 Passenger/544 Kg, G+10 floor (11 Stops/11 Landings)	Job	-81669
R3-ME-19-Rb-8P-11	Rebate of Passenger lift for 8 Passenger/544 Kg, G+11 floor (12Stops/12 Landings)	Job	-84788
R3-ME-19-Rb-8P-12	Rebate of Passenger lift for 8 Passenger/544 Kg, G+12 floor (13Stops/13 Landings)	Job	-87907
R3-ME-19-Rb-8P-13	Rebate of Passenger lift for 8 Passenger/544 Kg, G+13 floor (14Stops/14 Landings)	Job	-91025
R3-ME-19-Rb-8P-14	Rebate f of Passenger lift for 8 Passenger/544 Kg, G+14 floor (15Stops/15 Landings)	Job	-94144
R3-ME-19-Rb-8P-15	Rebate of Passenger lift for 8 Passenger/544 Kg, G+15 floor (16 Stops/16 Landings)	Job	-97263
R3-ME-19-Rb-8P-16	Rebate of Passenger lift for 8 Passenger/544 Kg, G+16 floor (17 Stops/17 Landings)	Job	-100381
R3-ME-19-Rb-8P-17	Rebate of Passenger lift for 8 Passenger/544 Kg, G+17 floor (18 Stops/18 Landings)	Job	-103500
R3-ME-19-Rb-8P-18	Rebate of Passenger lift for 8 Passenger/544 Kg, G+18 floor (19Stops/19 Landings)	Job	-106619
R3-ME-19-Rb-8P-19	Rebate of Passenger lift for 8 Passenger/544 Kg, G+19 floor (20 Stops/20 Landings)	Job	-109737
R3-ME-19-Rb-8P-20	Rebate of Passenger lift for 8 Passenger/544 Kg, G+20 floor (21 Stops/21 Landings)	Job	-112856
<b>R3-ME-19-Rb-10P</b>	<b>Rebate of 10 PASSENGER/680 Kg LIFT</b>		
R3-ME-19-Rb-10P-1	Rebate of Passenger lift for 10 Passenger/680 Kg , G+1 floor (2Stops/2 Landings)	Job	-57975
R3-ME-19-Rb-10P-2	Rebate of Passenger lift for 10 Passenger/680 Kg, G+2 floor (3 Stops/3 Landings)	Job	-61144

R3-ME-19-Rb-10P-3	Rebate of Passenger lift for 10 Passenger/680 Kg, G+3 floor (4 Stops/4 Landings)	Job	-64314
R3-ME-19-Rb-10P-4	Rebate of Passenger lift for 10 Passenger/680 Kg, G+4 floor (5 Stops/5 Landings)	Job	-67483
R3-ME-19-Rb-10P-5	Rebate of Passenger lift for 10 Passenger/680 Kg, G+5 floor (6 Stops/6 Landings)	Job	-70653
R3-ME-19-Rb-10P-6	Rebate of Passenger lift for 10 Passenger/680 Kg, G+6 floor (7Stops/7 Landings)	Job	-73822
R3-ME-19-Rb-10P-7	Rebate of Passenger lift for 10 Passenger/680 Kg, G+7 floor (8 Stops/8 Landings)	Job	-76992
R3-ME-19-Rb-10P-8	Rebate of Passenger lift for 10 Passenger/680 Kg, G+8 floor (9 Stops/9 Landings)	Job	-80161
R3-ME-19-Rb-10P-9	Rebate of Passenger lift for 10 Passenger/680 Kg, G+9 floor (10 Stops/10 Landings)	Job	-83331
R3-ME-19-Rb-10P-10	Rebate of Passenger lift for 10 Passenger/680 Kg, G+10 floor (11 Stops/11 Landings)	Job	-86500
R3-ME-19-Rb-10P-11	Rebate of Passenger lift for 10 Passenger/680 Kg, G+11 floor (12Stops/12 Landings)	Job	-89669
R3-ME-19-Rb-10P-12	Rebate of Passenger lift for 10 Passenger/680 Kg, G+12 floor (13Stops/13 Landings)	Job	-92839
R3-ME-19-Rb-10P-13	Rebate of Passenger lift for 10 Passenger/680 Kg, G+13 floor (14Stops/14 Landings)	Job	-96008
R3-ME-19-Rb-10P-14	Rebate f of Passenger lift for 10 Passenger/680 Kg, G+14 floor (15Stops/15 Landings)	Job	-99178
R3-ME-19-Rb-10P-15	Rebate of Passenger lift for 10 Passenger/680 Kg, G+15 floor (16 Stops/16 Landings)	Job	-102348
R3-ME-19-Rb-10P-16	Rebate of Passenger lift for 10 Passenger/680 Kg, G+16 floor (17 Stops/17 Landings)	Job	-105517
R3-ME-19-Rb-10P-17	Rebate of Passenger lift for 10 Passenger/680 Kg, G+17 floor (18 Stops/18 Landings)	Job	-108686
R3-ME-19-Rb-10P-18	Rebate of Passenger lift for 10 Passenger/680 Kg, G+18 floor (19Stops/19 Landings)	Job	-111856
R3-ME-19-Rb-10P-19	Rebate of Passenger lift for 10 Passenger/680 Kg, G+19 floor (20 Stops/20 Landings)	Job	-115025
R3-ME-19-Rb-10P-20	Rebate of Passenger lift for 10 Passenger/680 Kg, G+20 floor (21 Stops/21 Landings)	Job	-118195
<b>R3-ME-19-Rb-13P</b>	<b>Rebate of 13 PASSENGER/884 Kg LIFT</b>		
R3-ME-19-Rb-13P-1	Rebate of Passenger lift for 13 Passenger/884 Kg , G+1 floor (2Stops/2 Landings)	Job	-62915
R3-ME-19-Rb-13P-2	Rebate of Passenger lift for 13 Passenger/884 Kg, G+2 floor (3 Stops/3 Landings)	Job	-66034

R3-ME-19-Rb-13P-3	Rebate of Passenger lift for 13 Passenger/884 Kg, G+3 floor (4 Stops/4 Landings)	Job	-69144
R3-ME-19-Rb-13P-4	Rebate of Passenger lift for 13 Passenger/884 Kg, G+4 floor (5 Stops/5 Landings)	Job	-72263
R3-ME-19-Rb-13P-5	Rebate of Passenger lift for 13 Passenger/884 Kg, G+5 floor (6 Stops/6 Landings)	Job	-75381
R3-ME-19-Rb-13P-6	Rebate of Passenger lift for 13 Passenger/884 Kg, G+6 floor (7Stops/7 Landings)	Job	-78500
R3-ME-19-Rb-13P-7	Rebate of Passenger lift for 13 Passenger/884 Kg, G+7 floor (8 Stops/8 Landings)	Job	-81619
R3-ME-19-Rb-13P-8	Rebate of Passenger lift for 13 Passenger/884 Kg, G+8 floor (9 Stops/9 Landings)	Job	-84737
R3-ME-19-Rb-13P-9	Rebate of Passenger lift for 13 Passenger/884 Kg, G+9 floor (10 Stops/10 Landings)	Job	-87856
R3-ME-19-Rb-13P-10	Rebate of Passenger lift for 13 Passenger/884 Kg, G+10 floor (11 Stops/11 Landings)	Job	-90975
R3-ME-19-Rb-13P-11	Rebate of Passenger lift for 13 Passenger/884 Kg, G+11 floor (12Stops/12 Landings)	Job	-94093
R3-ME-19-Rb-13P-12	Rebate of Passenger lift for 13 Passenger/884 Kg, G+12 floor (13Stops/13 Landings)	Job	-97212
R3-ME-19-Rb-13P-13	Rebate of Passenger lift for 13 Passenger/884 Kg G+13 floor (14Stops/14 Landings)	Job	-100331
R3-ME-19-Rb-13P-14	Rebate f of Passenger lift for 13 Passenger/884 Kg G+14 floor (15Stops/15 Landings)	Job	-103449
R3-ME-19-Rb-13P-15	Rebate of Passenger lift for 13 Passenger/884 Kg, G+15 floor (16 Stops/16 Landings)	Job	-106568
R3-ME-19-Rb-13P-16	Rebate of Passenger lift for 13 Passenger/884 Kg, G+16 floor (17 Stops/17 Landings)	Job	-109686
R3-ME-19-Rb-13P-17	Rebate of Passenger lift for 13 Passenger/884 Kg, G+17 floor (18 Stops/18 Landings)	Job	-112805
R3-ME-19-Rb-13P-18	Rebate of Passenger lift for 13 Passenger/884 Kg, G+18 floor (19Stops/19 Landings)	Job	-115924
R3-ME-19-Rb-13P-19	Rebate of Passenger lift for 13 Passenger/884 Kg, G+19 floor (20 Stops/20 Landings)	Job	-119042
R3-ME-19-Rb-13P-20	Rebate of Passenger lift for 13 Passenger/884 Kg, G+20 floor (21 Stops/21 Landings)	Job	-122161
<b>R3-ME-19-Rb-15P</b>	<b>Rebate of 15 PASSENGER CUM STRETCHER/ HOSPITAL LIFT/1020 Kg</b>		
R3-ME-19-Rb-15P-1	Rebate of Passenger lift for 15 Passenger/1020 Kg , G+1 floor (2Stops/2 Landings)	Job	-70305

R3-ME-19-Rb-15P-2	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+2 floor (3 Stops/3 Landings)	Job	-73678
R3-ME-19-Rb-15P-3	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+3 floor (4 Stops/4 Landings)	Job	-77059
R3-ME-19-Rb-15P-4	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+4 floor (5 Stops/5 Landings)	Job	-80432
R3-ME-19-Rb-15P-5	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+5 floor (6 Stops/6 Landings)	Job	-83805
R3-ME-19-Rb-15P-6	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+6 floor (7Stops/7 Landings)	Job	-87178
R3-ME-19-Rb-15P-7	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+7 floor (8 Stops/8 Landings)	Job	-90551
R3-ME-19-Rb-15P-8	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+8 floor (9 Stops/9 Landings)	Job	-93924
R3-ME-19-Rb-15P-9	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+9 floor (10 Stops/10 Landings)	Job	-97297
R3-ME-19-Rb-15P-10	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+10 floor (11 Stops/11 Landings)	Job	-100670
R3-ME-19-Rb-15P-11	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+11 floor (12Stops/12 Landings)	Job	-104042
R3-ME-19-Rb-15P-12	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+12 floor (13Stops/13 Landings)	Job	-107415
R3-ME-19-Rb-15P-13	Rebate of Passenger lift for 15 Passenger/1020 Kg floor (14Stops/14 Landings)	Job	-110788
R3-ME-19-Rb-15P-14	Rebate f of Passenger lift for 15 Passenger/1020 Kg G+14 floor (15Stops/15 Landings)	Job	-114161
R3-ME-19-Rb-15P-15	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+15 floor (16 Stops/16 Landings)	Job	-117534
R3-ME-19-Rb-15P-16	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+16 floor (17 Stops/17 Landings)	Job	-120907
R3-ME-19-Rb-15P-17	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+17 floor (18 Stops/18 Landings)	Job	-124280
R3-ME-19-Rb-15P-18	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+18 floor (19Stops/19 Landings)	Job	-127653
R3-ME-19-Rb-15P-19	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+19 floor (20 Stops/20 Landings)	Job	-131025
R3-ME-19-Rb-15P-20	Rebate of Passenger lift for 15 Passenger/1020 Kg, G+20 floor (21 Stops/21 Landings)	Job	-134398
<b>R3-ME-19-Rb-16P</b>	<b>Rebate of 16 PASSENGER/1088 Kg LIFT</b>		
R3-ME-19-Rb-16P-1	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+1 floor (2Stops/2 Landings)	Job	-68093

R3-ME-19-Rb-16P-2	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+2 floor (3 Stops/3 Landings)	Job	-71254
R3-ME-19-Rb-16P-3	Rebate of Passenger lift for 16 Passenger/1088 Kg G+3 floor (4 Stops/4 Landings)	Job	-74407
R3-ME-19-Rb-16P-4	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+4 floor (5 Stops/5 Landings)	Job	-77559
R3-ME-19-Rb-16P-5	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+5 floor (6 Stops/6 Landings)	Job	-80712
R3-ME-19-Rb-16P-6	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+6 floor (7Stops/7 Landings)	Job	-83864
R3-ME-19-Rb-16P-7	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+7 floor (8 Stops/8 Landings)	Job	-87017
R3-ME-19-Rb-16P-8	Rebate of Passenger lift for 16 Passenger/1088 Kg, G+8 floor (9 Stops/9 Landings)	Job	-90169
R3-ME-19-Rb-16P-9	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+9 floor (10 Stops/10 Landings)	Job	-93322
R3-ME-19-Rb-16P-10	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+10 floor (11 Stops/11 Landings)	Job	-96475
R3-ME-19-Rb-16P-11	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+11 floor (12Stops/12 Landings)	Job	-99627
R3-ME-19-Rb-16P-12	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+12 floor (13Stops/13 Landings)	Job	-102780
R3-ME-19-Rb-16P-13	Rebate of Passenger lift for 16 Passenger/1088 Kg, G+13 floor (14Stops/14 Landings)	Job	-105932
R3-ME-19-Rb-16P-14	Rebate f of Passenger lift for 16 Passenger/1088 Kg, G+14 floor (15Stops/15 Landings)	Job	-109085
R3-ME-19-Rb-16P-15	Rebate of Passenger lift for 16 Passenger/1088 Kg, G+15 floor (16 Stops/16 Landings)	Job	-112237
R3-ME-19-Rb-16P-16	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+16 floor (17 Stops/17 Landings)	Job	-115390
R3-ME-19-Rb-16P-17	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+17 floor (18 Stops/18 Landings)	Job	-118542
R3-ME-19-Rb-16P-18	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+18 floor (19Stops/19 Landings)	Job	-121695
R3-ME-19-Rb-16P-19	Rebate of Passenger lift for 16 Passenger/1088 Kg , G+19 floor (20 Stops/20 Landings)	Job	-124848
R3-ME-19-Rb-16P-20	Rebate of Passenger lift for 16 Passenger/1088 Kg, G+20 floor (21 Stops/21 Landings)	Job	-128000
<b>R3-ME-19-Rb-20P</b>	<b>Rebate of 20 PASSENGER/1360 Kg LIFT</b>		
R3-ME-19-Rb-20P-1	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+1 floor (2Stops/2 Landings)	Job	-87650



R3-ME-19-Rb-20P-2	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+2 floor (3 Stops/3 Landings)	Job	-91431
R3-ME-19-Rb-20P-3	Rebate of Passenger lift for 20 Passenger/1360 Kg G+3 floor (4 Stops/4 Landings)	Job	-95200
R3-ME-19-Rb-20P-4	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+4 floor (5 Stops/5 Landings)	Job	-98970
R3-ME-19-Rb-20P-5	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+5 floor (6 Stops/6 Landings)	Job	-102741
R3-ME-19-Rb-20P-6	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+6 floor (7Stops/7 Landings)	Job	-106510
R3-ME-19-Rb-20P-7	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+7 floor (8 Stops/8 Landings)	Job	-110281
R3-ME-19-Rb-20P-8	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+8 floor (9 Stops/9 Landings)	Job	-114050
R3-ME-19-Rb-20P-9	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+9 floor (10 Stops/10 Landings)	Job	-117820
R3-ME-19-Rb-20P-10	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+10 floor (11 Stops/11 Landings)	Job	-121591
R3-ME-19-Rb-20P-11	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+11 floor (12Stops/12 Landings)	Job	-125360
R3-ME-19-Rb-20P-12	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+12 floor (13Stops/13 Landings)	Job	-129131
R3-ME-19-Rb-20P-13	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+13 floor (14Stops/14 Landings)	Job	-132900
R3-ME-19-Rb-20P-14	Rebate f of Passenger lift for 20 Passenger/1360 Kg, G+14 floor (15Stops/15 Landings)	Job	-136670
R3-ME-19-Rb-20P-15	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+15 floor (16 Stops/16 Landings)	Job	-140441
R3-ME-19-Rb-20P-16	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+16 floor (17 Stops/17 Landings)	Job	-144210
R3-ME-19-Rb-20P-17	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+17 floor (18 Stops/18 Landings)	Job	-147981
R3-ME-19-Rb-20P-18	Rebate of Passenger lift for 20 Passenger/1360 Kg , G+18 floor (19Stops/19 Landings)	Job	-151750
R3-ME-19-Rb-20P-19	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+19 floor (20 Stops/20 Landings)	Job	-155520
R3-ME-19-Rb-20P-20	Rebate of Passenger lift for 20 Passenger/1360 Kg, G+20 floor (21 Stops/21 Landings)	Job	-159291
<b>R3-ME-19-Rb-26P</b>	<b>Rebate of 26 PASSENGER CUM STRETCHER/ HOSPITAL LIFT/1768 Kg</b>		

R3-ME-19-Rb-26P-1	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+1 floor (2Stops/2 Landings)	Job	-86576
R3-ME-19-Rb-26P-2	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+2 floor (3 Stops/3 Landings)	Job	-89958
R3-ME-19-Rb-26P-3	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg G+3 floor (4 Stops/4 Landings)	Job	-93331
R3-ME-19-Rb-26P-4	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+4 floor (5 Stops/5 Landings)	Job	-96703
R3-ME-19-Rb-26P-5	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+5 floor (6 Stops/6 Landings)	Job	-100076
R3-ME-19-Rb-26P-6	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+6 floor (7Stops/7 Landings)	Job	-103449
R3-ME-19-Rb-26P-7	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+7 floor (8 Stops/8 Landings)	Job	-106822
R3-ME-19-Rb-26P-8	Rebate of Passenger lift for 36 Passenger cum stretcher/hospital lift/1768 Kg , G+8 floor (9 Stops/9 Landings)	Job	-110195
R3-ME-19-Rb-26P-9	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+9 floor (10 Stops/10 Landings)	Job	-113568
R3-ME-19-Rb-26P-10	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+10 floor (11 Stops/11 Landings)	Job	-116941
R3-ME-19-Rb-26P-11	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+11 floor (12Stops/12 Landings)	Job	-120314
R3-ME-19-Rb-26P-12	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+12 floor (13Stops/13 Landings)	Job	-123686
R3-ME-19-Rb-26P-13	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+13 floor (14Stops/14 Landings)	Job	-127059
R3-ME-19-Rb-26P-14	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+14 floor (15Stops/15 Landings)	Job	-130432
R3-ME-19-Rb-26P-15	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+15 floor (16 Stops/16 Landings)	Job	-133805
R3-ME-19-Rb-26P-16	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+16 floor (17 Stops/17 Landings)	Job	-137178
R3-ME-19-Rb-26P-17	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+17 floor (18 Stops/18 Landings)	Job	-140551
R3-ME-19-Rb-26P-18	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+18 floor (19Stops/19 Landings)	Job	-143924
R3-ME-19-Rb-26P-19	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+19 floor (20 Stops/20 Landings)	Job	-147297
R3-ME-19-Rb-26P-20	Rebate of Passenger lift for 26 Passenger cum stretcher/hospital lift/1768 Kg , G+20 floor (21 Stops/21 Landings)	Job	-150670
<b>R3-ME-19-Rb-3T</b>	<b>Rebate of GOODS LIFT/3000Kg (3 Ton) Goods/44 Passengers</b>		

R3-ME-19-Rb-3T-1	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+1 floor (2Stops/2 Landings)	Job	-114763
R3-ME-19-Rb-3T-2	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+2 floor (3Stops/3 Landings)	Job	-118263
R3-ME-19-Rb-3T-3	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+3 floor (4Stops/4 Landings)	Job	-121754
R3-ME-19-Rb-3T-4	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+4 floor (5Stops/5 Landings)	Job	-125254
R3-ME-19-Rb-3T-5	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+5 floor (6Stops/6 Landings)	Job	-128754
R3-ME-19-Rb-3T-6	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+6 floor (7Stops/7 Landings)	Job	-132254
R3-ME-19-Rb-3T-7	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+7 floor (8Stops/8 Landings)	Job	-135754
R3-ME-19-Rb-3T-8	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+8 floor (9Stops/9 Landings)	Job	-139254
R3-ME-19-Rb-3T-9	Rebate of Goods lift/3000Kg (3 Ton) Goods, G+9 floor (10Stops/10 Landings)	Job	-142754
<b>R3-ME-19-Rb-4T</b>	<b>Rebate of GOODS LIFT/4000Kg (4 Ton) Goods/59 Passengers</b>		
R3-ME-19-Rb-4T-1	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+1 floor (2Stops/2 Landings)	Job	-134492
R3-ME-19-Rb-4T-2	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+2 floor (3Stops/3 Landings)	Job	-137992
R3-ME-19-Rb-4T-3	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+3 floor (4Stops/4 Landings)	Job	-141492
R3-ME-19-Rb-4T-4	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+4 floor (5Stops/5 Landings)	Job	-144992
R3-ME-19-Rb-4T-5	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+5 floor (6Stops/6 Landings)	Job	-148492
R3-ME-19-Rb-4T-6	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+6 floor (7Stops/7 Landings)	Job	-151992
R3-ME-19-Rb-4T-7	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+7 floor (8Stops/8 Landings)	Job	-155492
R3-ME-19-Rb-4T-8	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+8 floor (9Stops/9 Landings)	Job	-158992
R3-ME-19-Rb-4T-9	Rebate of Goods lift/4000Kg (4 Ton) Goods, G+9 floor (10Stops/10 Landings)	Job	-162492
<b>R3-ME-19-Rb-5T</b>	<b>Rebate of GOODS LIFT/5000Kg (5 Ton) Goods/73 Passengers</b>		
R3-ME-19-Rb-5T-1	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+1 floor (2Stops/2 Landings)	Job	-149305

R3-ME-19-Rb-5T-2	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+2 floor (3Stops/3 Landings)	Job	-152797
R3-ME-19-Rb-5T-3	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+3 floor (4Stops/4 Landings)	Job	-156297
R3-ME-19-Rb-5T-4	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+4 floor (5Stops/5 Landings)	Job	-159788
R3-ME-19-Rb-5T-5	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+5 floor (6Stops/6 Landings)	Job	-163280
R3-ME-19-Rb-5T-6	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+6 floor (7Stops/7 Landings)	Job	-166771
R3-ME-19-Rb-5T-7	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+7 floor (8Stops/8 Landings)	Job	-170263
R3-ME-19-Rb-5T-8	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+8 floor (9Stops/9 Landings)	Job	-173754
R3-ME-19-Rb-5T-9	Rebate of Goods lift/5000Kg (5 Ton) Goods, G+9 floor (10Stops/10 Landings)	Job	-177246
R3-ME-19-CAM	2.0 MP FHD IP based Vandal proof dome camera alongwith necessary accessories	Nos	-15742

<b>GROUP V – MEDICAL GAS PIPELINE AND MODULAR OPERATION THEATRE</b>			
<b>S.N.</b>	<b>DESCRIPTION OF ITEMS</b>	<b>UNIT</b>	<b>Final rate (Excluding GST)</b>
	<b><u>MEDICAL GAS PIPELINE SYSTEM</u></b>		
	<b>Medical Grade Copper Tube/Pipes</b>		
	<b>Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete. The piped distribution system shall use copper pipes manufactured from phosphorous de-oxidized non-arsenical copper grade CW024A (Cu-DHP), manufactured to metric outside diameters and having mechanical properties in accordance or in either R250 (half hard) or R290 (hard). Degreasing of pipe shall be such that there is less than 20mg/m<sup>2</sup> (0.002mg/cm<sup>2</sup>) of hydrocarbons on the degreased surface when tested by the method specified Norms.</b>		
R3-ME-20-MG-1a	SITC of Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete_Copper Pipes of 54mm OD x 1.2mm thk	Mtr	3660
R3-ME-20-MG-1b	SITC of Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete_Copper Pipes of 42mm OD x 1.2mm thk	Mtr	1975
R3-ME-20-MG-1c	SITC of Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete_Copper Pipes of 28mm OD x 1.0mm thk	Mtr	1469
R3-ME-20-MG-1d	SITC of Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete_Copper Pipes of 22mm OD x 1.0mm thk	Mtr	1170
R3-ME-20-MG-1e	SITC of Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete_Copper Pipes of 15mm OD x 1.0mm thk	Mtr	856
R3-ME-20-MG-1f	SITC of Medical Grade Copper Tube/Pipes including all type of accessories Like,Tee, Elbow, Valves, etc. complete_Copper Pipes of 12mm OD x 0.7mm thk	Mtr	676
	<b>Ball Valves</b>		
	<b>It should comply and fully meets with the latest standard certificate from notified body must be submitted. As per specifications.</b>		

R3-ME-20-MG-2a	SITC of 15 mm Single Port Ball Valve with Pipe line assembly (pre piped) : Pre Piped Degreased Ball Valve with pipe extension. It should be full-port design.It should be blow-out proof stem. It should be lockable valve.	Nos.	7831
R3-ME-20-MG-2b	SITC of 22mm Single Port Ball Valve with Pipe line assembly (pre piped) : Pre Piped Degreased Ball Valve with pipe extension. It should be full-port design.It should be blow-out proof stem. It should be lockable valve.	Nos.	10003
R3-ME-20-MG-2c	SITC of 28mm Single Port Ball Valve with Pipe line assembly (pre piped) : Pre Piped Degreased Ball Valve with pipe extension. It should be full-port design.It should be blow-out proof stem. It should be lockable valve.	Nos.	16653
R3-ME-20-MG-2d	SITC of 42mm Single Port Ball Valve with Pipe line assembly (pre piped) : Pre Piped Degreased Ball Valve with pipe extension. It should be full-port design.It should be blow-out proof stem. It should be lockable valve.	Nos.	30035
R3-ME-20-MG-2e	SITC of 54mm Single Port Ball Valve with Pipe line assembly (pre piped) : Pre Piped Degreased Ball Valve with pipe extension. It should be full-port design.It should be blow-out proof stem. It should be lockable valve.	Nos.	101634
R3-ME-20-MG-2f	SITC of 76mm Dual Port Ball Valve with Pipe line assembly (pre piped) : Pre Piped Degreased Ball Valve with pipe extension. It should be full-port design.It should be blow-out proof stem. It should be lockable valve.	Nos.	130195
<b>Valve Box with Pressure Guages</b>			
R3-ME-20-MG-3a	SITC of 2 Gases Valve Box with pressure guage only for Oxygen & Vacuum. It should have zone valve box shall consist of the following components: A steel valve box which can house shut-off ball valves with tube extensions, an aluminum frame and a pull-out removable window. Pressure Gauges are included. The window shall be marked to prohibit unauthorized persons from tampering with the valves with the following silk-screen caution: "MEDICAL GAS CONTROL VALVES CLOSE ONLY IN EMERGENCY"	Nos.	42373

R3-ME-20-MG-3b	SITC of 3 Gases Valve Box with pressure guage only for Oxygen, MA4 & Vacuum.It should have zone valve box shall consist of the following components: A steel valve box which can house shut-off ball valves with tube extensions, an aluminum frame and a pull-out removable window. Pressure Gauges are included. The window shall be marked to prohibit unauthorized persons from tampering with the valves with the following silk-screen caution: "MEDICAL GAS CONTROL VALVES CLOSE ONLY IN EMERGENCY"	Nos.	50847
R3-ME-20-MG-3c	SITC of 5 Gases Valve Box with pressure guage only for Oxygen, N2O,MA4,SA7 & Vacuum. It should have zone valve box shall consist of the following components: A steel valve box which can house shut-off ball valves with tube extensions, an aluminum frame and a pull-out removable window. Pressure Gauges are included. The window shall be marked to prohibit unauthorized persons from tampering with the valves with the following silk-screen caution: "MEDICAL GAS CONTROL VALVES CLOSE ONLY IN EMERGENCY"	Nos.	67797
<b>Digital Area Alarm with Pressure Sensors</b>			
R3-ME-20-MG-4a	SITC of Digital Area Alarm (2 Services : Oxygen and Vacuum) with pressure sensor : Medical Gas LCD Alarm : The LCD alarm shall be microprocessor based with a 10" (25.4 cm) screen and capable of monitoring medical gases.	Nos	115593
R3-ME-20-MG-4b	SITC of Digital Area Alarm (3 Services : Oxygen, MA4 Air and Vacuum) with pressure sensor : Medical Gas LCD Alarm : The LCD alarm shall be microprocessor based with a 10" (25.4 cm) screen and capable of monitoring medical gases.	Nos	153814

R3-ME-20-MG-4c	SITC of Digital Area Alarm (5 Services : Oxygen,N2O, MA4 Air, SA7 Air and Vacuum) with pressure sensor : Medical Gas LCD Alarm : It should be UL or ETL Listed. The LCD alarm shall be microprocessor based with a 10" (25.4 cm) screen and capable of monitoring medical gases.	Nos	291525
<b>Medical Gas Terminal Units</b>			
R3-ME-20-MG-5a	SITC of Medical Gas Terminal Units (Gas Outlets) for Oxygen : It shall be duly CE marked/UL listed or equivalent.	Nos	5500
R3-ME-20-MG-5b	SITC of Medical Gas Terminal Units (Gas Outlets) for MA4 Air 4 Bar : It shall be duly CE marked/UL listed or equivalent.	Nos	5500
R3-ME-20-MG-5c	SITC of Medical Gas Terminal Units (Gas Outlets) for SA7 Air 7 Bar :It shall be duly CE marked/UL listed or equivalent.	Nos	6517
R3-ME-20-MG-5d	SITC of Medical Gas Terminal Units (Gas Outlets) for Vacuum : It shall be duly CE marked/UL listed or equivalent.	Nos	5500



R3-ME-20-MG-5e	SITC of Medical Gas Terminal Units (Gas Outlets) for Nitrous Oxide (N2O) : It shall be duly CE marked/UL listed or equivalent.	Nos	5500
	<b>Allied Accessories</b>		
R3-ME-20-MG-6a	SITC of Stainless Steel Ventilator Probe for Oxygen.	Nos	1119
R3-ME-20-MG-6b	SITC of Stainless Steel Ventilator Probe for Medical Air/ Surgical Air	Nos	1119
R3-ME-20-MG-6c	SITC of Adaptor for connecting with oxygen flow meter	Nos	1119
R3-ME-20-MG-6d	SITC of Adaptor for connecting with N2O	Nos	1119
R3-ME-20-MG-6e	SITC of adapter for connecting with vacuum regulator	Nos	1119
R3-ME-20-MG-6f	SITC of Oxygen Flow Meter 0-15lpm : It shall be duly CE marked/UL listed or equivalent. The flow meters should be of 0-15 LPM range for oxygen and with inlet pressure 50-60psi. (4.5 bar).	Nos	6479
R3-ME-20-MG-6g	SITC of High Flow Oxygen Flow Meter 0- 70lpm : It shall be duly CE marked/UL listed or equivalent. The flow meters should be of 0-70 LPM range for oxygen and with inlet pressure 50-60psi. (4.5 bar).	Nos	17463
R3-ME-20-MG-6h	SITC of Humidifier Bottle : Polypropylene or Polysulphone 250cc Humidifier bottle should be unbreakable, reusable to disinfectants and complements.	Nos	1818
R3-ME-20-MG-6i	SITC of Vacuum Regulator Unit : It shall be duly CE marked/UL listed or equivalent.	Nos	23305

R3-ME-20-MG-6j	SITC of Theatre vacuum unit trolley mounted complete with 1no. of 0-1000m/bar high suction regulator along with twin vacuum collection jar of Polysulphone of 4000ml with lid. It shall be duly CE marked/UL listed or equivalent.	Nos	84692
R3-ME-20-MG-6k	SITC of Polysulphone Vacuum Collection Jar 1000ml with lid	Nos	7464
R3-ME-20-MG-6l	Supply of indigenous D type empty oxygen cylinder with cylinder valve and cap ( 46.7L water capacity) ISI Mark.	Nos.	23305
R3-ME-20-MG-6m	Supply of indigenous D type empty N2O cylinder with cylinder valve and cap ( 46.7L water capacity) ISI Mark.	Nos.	23305
R3-ME-20-MG-6n	SITC of Medical Gas Rubber tubing color coded throughout their length. All hoses shall incorporate an anti- static inner core (For All Gases)	Mtrs	373
R3-ME-20-MG-6o	SITC of Oxygen Digital Fully Automatic Control Panel of 2000lpm. Input power to the manifolds is 110 to 240 VAC, 50-60 Hz. It should have flow capacity 4,500 SCFH [2,000 L/min]. (Maximum tolearance allowed will be only 10%).	Nos	834322
R3-ME-20-MG-6p	SITC of Manifold, Header Bars, Tail Pipes:Oxygen Manifold Supply System (Cylinder Manifold Unit) of 10+10 size : 10cylinder manifold bank as left side and 10cylinder manifold bank as right side complete with 20nos.pig tail pipes and 20nos. non- return valves, all header racks.	Nos	279661
R3-ME-20-MG-6q	SITC of Manifold, Header Bars, Tail Pipes: Nitrous Oxide Manifold Supply System (Cylinder Manifold Unit) of 10+10 size : 10 cylinder manifold bank as left side and 10 cylinder manifold bank as right side complete with 20 nos.pig tail pipes and 20 nos. non- return valves, all header racks.	Nos	279661
R3-ME-20-MG-6r	SITC of Manifold, Header Bars, Tail Pipes: Nitrous Oxide Manifold Supply System (Cylinder Manifold Unit) of 4 + 4 size : 4 cylinder manifold bank as left side and 4 cylinder manifold bank as right side complete with 8 nos.pig tail pipes and 8 nos. non- return valves, all header racks.	Nos	139831
R3-ME-20-MG-6s	SITC of Manifold, Header Bars, Tail Pipes: Liquid Oxygen (Cryogenic Dura Cylinders) Stainless Steel Manifold Supply System of 10+10 size : 10cylinder manifold bank as left side and 10cylinder manifold bank as right side.	Nos	676754
R3-ME-20-MG-6t	Aluminium Ambient Vaporiser Coil for Liquid O2 to gas conversion for a flow of 200 Nm3/hr	Nos.	338983
R3-ME-20-MG-6u	Liquid Oxygen Line Regulator	Nos.	84755

R3-ME-20-MG-6v	SITC of Free standing Modular Mounting Frame made of powder coated Section for providing Strength to manifold. The frame does not require any support from the wall and is free standing. The Frame should have the mounting plate to install the Panel. The frame should be assembled without welding using threaded nut and bolt connection and can be dismantled for relocation. It should have provision for grouting on the floor. Over all Length of Frame will be 3500 mm to provide sufficient space to accomodate 10 cylinders on each side.	Nos	73644
<b>Vacuum Plants</b>			
R3-ME-20-MG-7a	SITC of Vacuum Pump. : It should be oil lubricated rotary vane vacuum pump, having each vacuum pump capacity of 3000lpm with IEC Motor rating of minimum 10 HP @ 50 Hz or above. Vacuum pump shall comprise of air cooled, oil lubricated vacuum pumps suitable for both continuous and frequent start / stop operation at inlet vacuum vessels between 525mm Hg and 700 mm Hg. The ultimate vacuum of pump shall be 0.1 mbar with gas ballast valve closed.	Nos	876271
R3-ME-20-MG-7b	SITC of Vacuum Pump. : It should be oil lubricated rotary vane vacuum pump, having each vacuum pump capacity of 1500lpm with IEC Motor rating of minimum 7.5 HP @ 50 Hz or above. Vacuum pump shall comprise of air cooled, oil lubricated vacuum pumps suitable for both continuous and frequent start / stop operation at inlet vacuum vessels between 525mm Hg and 700 mm Hg. The ultimate vacuum of pump shall be 0.1 mbar with gas ballast valve closed.	Nos	547364
R3-ME-20-MG-7c	SITC of Vacuum Pump. : It should be oil lubricated rotary vane/Reciprocating vacuum pump, having each vacuum pump capacity of 1000lpm with IEC Motor rating of minimum 5 HP @ 50 Hz or above. Vacuum pump shall comprise of air cooled, oil lubricated vacuum pumps suitable for both continuous and frequent start / stop operation at inlet vacuum vessels between 525mm Hg and 700 mm Hg. The ultimate vacuum of pump shall be 0.1 mbar with gas ballast valve closed.	Nos	330509

R3-ME-20-MG-7d	SITC of Vacuum Pump. : It should be oil lubricated rotary vane/Reciprocating vacuum pump, having each vacuum pump capacity of 500lpm with IEC Motor rating of minimum 3 HP @ 50 Hz or above. Vacuum pump shall comprise of air cooled, oil lubricated vacuum pumps suitable for both continuous and frequent start / stop operation at inlet vacuum vessels between 525mm Hg and 700 mm Hg. The ultimate vacuum of pump shall be 0.1 mbar with gas ballast valve closed.	Nos.	23305
R3-ME-20-MG-8a	SITC of Vacuum Filter (Bacteria Filter) of 100cfm to 105cfm – 3” Filter housing with drain flask.: The bacteria filter should be designed for critical application involving removal of dry and wet dust, particulars, oil aerosol and water droplest, high efficiency glass fiber, fieece media from suction side of vacuum pump system. It should have efficiency of at least 99.995%.	Nos	233051
R3-ME-20-MG-8b	SITC of Vacuum Filter (Bacteria Filter) of 50scfm to 60scfm – 3” Filter housing with drain flask: The bacteria filter should be designed for critical application involving removal of dry and wet dust, particulars, oil aerosol and water droplets, high efficiency glass fiber, fieece media from suction side of vacuum pump system. It should have efficiency of at least 99.995% .	Nos	157627
R3-ME-20-MG-8c	SITC of Vacuum Filter (Bacteria Filter) of 30scfm to 40scfm – 3” Filter housing with drain flask.: The bacteria filter should be designed for critical application involving removal of dry and wet dust, particulars, oil aerosol and water droplest, high efficiency glass fiber, fieece media from suction side of vacuum pump system. It should have efficiency of at least 99.995%.	Nos	131356

R3-ME-20-MG-8d	SITC of Vacuum Filter (Bacteria Filter) of 15scfm to 20scfm – 3” Filter housing with drain flask.: The bacteria filter should be designed for critical application involving removal of dry and wet dust, particulars, oil aerosol and water droplest, high efficiency glass fiber, fieece media from suction side of vacuum pump system. It should have efficiency of at least 99.995%.	Nos.	122881
R3-ME-20-MG-8e	SITC of Vacuum Receiver Tank of 2000 Litres water capacity	Nos	135170
R3-ME-20-MG-8f	SITC of Vacuum Receiver Tank of 1500 Litres water capacity	Nos	110170
R3-ME-20-MG-8g	SITC of Vacuum Receiver Tank of 1000 Litres water capacity	Nos	83686
R3-ME-20-MG-8h	SITC of Vacuum Receiver Tank of 500 Litres water capacity.	Nos.	63559
R3-ME-20-MG-8i	SITC of Pressure Guage (*4inch)	Nos	3729
R3-ME-20-MG-8j	SITC of Electrical Control Panel for Vacuum pumps with time totalizer and phase preveneter and cascading	Mtrs	209746
R3-ME-20-MG-8k	SITC of Electrical wiring inside plant room only for interconnection of vacuum pumps and air compressors (*Hospital will provide 3 phase & single phase power supply with cable inside the gas manifold and plant room. Hospital will provide DG back up and phase preventer + Isolation Transformer. Hospital will provide all electrical fixtures like exahust fan, light, power sockets inside gas manifold and plant room)	Nos	129576
	<b>Medical Air Plants</b>		
R3-ME-20-MG-9a	SITC of Oil Free Rotary Screw/Scroll Air Compressor : Oil free Rotary Screw/scroll air compressor.It should be 50Hz, 3 Phase, 440volts. 11 Bar, 116 Psig. 99cfm or more at 11 Bar. 22 Kw & 30 Hp. The 99 cfm flow capacity for each compressor unit having suitable motor rating of Rotary Screw/scroll air cooled compressor. Compressors shall be oil free Rotary Screw/scroll compressors suitable for both continuous and frequent start/stop operation at a nominal outlet pressure of 800 kPa (8 bar). The air quality shall be 100% oil free, certified ISO8573-1. The compressor shall have a sound insulating enclosure.	Nos	2542373

R3-ME-20-MG-9b	SITC of Oil Free Rotary Screw/Scroll Air Compressor : Oil free Rotary Screw/scroll air compressor.It should be 50Hz, 3 Phase, 440volts. 11 Bar, 116 Psig. 50/60scfm or more at 11 Bar. 15 Kw & 20 Hp. The 90 cfm flow capacity for each compressor unit having suitable motor rating of Rotary Screw/scroll air cooled compressor. Compressors shall be oil free Rotary Screw/scroll compressors suitable for both continuous and frequent start/stop operation at a nominal outlet pressure of 800 kPa (8 bar). The air quality shall be 100% oil free, certified ISO8573-1. The compressor shall have a sound insulating enclosure.	Nos	1525424
R3-ME-20-MG-9c	SITC of Oil Free Rotary Screw/Scroll/Reciprocating Air Compressor : Oil free Rotary Screw/scroll/Reciprocating air compressor.It should be 50Hz, 3 Phase, 440volts. 11 Bar, 116 Psig. 50/60cfm or more at 11 Bar. 11 Kw & 15 Hp. The 30/40 cfm flow capacity for each compressor unit having suitable motor rating of Rotary Screw/scroll air cooled compressor. Compressors shall be oil free Rotary Screw/scroll/Reciprocating compressors suitable for both continuous and frequent start/stop operation at a nominal outlet pressure of 800 kPa (8 bar). The air quality shall be 100% oil free, certified ISO8573-1. The compressor shall have a sound insulating enclosure.	Nos	1207627
R3-ME-20-MG-9d	SITC of Oil Free Rotary Screw/Scroll/Reciprocating Air Compressor : Oil free Rotary Screw/scroll/Reciprocating air compressor.It should be 50Hz, 3 Phase, 440volts. 11 Bar, 116 Psig. 15/20cfm or more at 11 Bar. 6 Kw & 8 Hp. The 15/20 cfm flow capacity for each compressor unit having suitable motor rating of Rotary Screw/scroll air cooled compressor. Compressors shall be oil free Rotary Screw/scroll/Reciprocating compressors suitable for both continuous and frequent start/stop operation at a nominal outlet pressure of 800 kPa (8 bar). The air quality shall be 100% oil free, certified ISO8573-1. The compressor shall have a sound insulating enclosure.	Nos.	635593
R3-ME-20-MG-10a	SITC of 100cfm Heatless Air Dryer : 100cfm Heatless Air Dryer : It should have air dryer desiccant type with ½” end BSP connection. It should have pre filter and post filter. It should be designed for ISO:7183- 1986 (E) standards. It should have dryer quality class -ISO 8573-1 standards. It should be made of aluminum construction. It should have purge loss 15+/- 1%. Active and Regenerative tower	Nos	508475

R3-ME-20-MG-10b	SITC of 50 to 60scfm Heatless Air Dryer : Heatless Air Dryer : It should have air dryer desiccant type with ½” end BSP connection. It should have pre filter and post filter. It should be designed for ISO:7183- 1986 (E) standards. It should have dryer quality class -ISO 8573-1 standards. It should be made of aluminum construction. It should have purge loss 15+/- 1%. Active and Regenerative tower	Nos	296610
R3-ME-20-MG-10c	SITC of 30/40 cfm Heatless Air Dryer : Heatless Air Dryer : It should have air dryer desiccant type with ½” end BSP connection. It should have pre filter and post filter. It should be designed for ISO:7183- 1986 (E) standards. It should have dryer quality class -ISO 8573-1 standards. It should be made of aluminum construction. It should have purge loss 15+/- 1%. Active and Regenerative tower.	Nos	211864
R3-ME-20-MG-10d	SITC of 15/20 cfm Heatless Air Dryer : Heatless Air Dryer : It should have air dryer desiccant type with ½” end BSP connection. It should have pre filter and post filter. It should be designed for ISO:7183- 1986 (E) standards. It should have dryer quality class -ISO 8573-1 standards. It should be made of aluminum construction. It should have purge loss 15+/- 1%. Active and Regenerative tower	Nos.	169492
R3-ME-20-MG-11a	SITC of Coarse coalescing filter 1" of 100cfm to 105 scfm filter . It should comply with air quality standard ISO 8573-1: 2010. It should have profiled bowl design and push fit elements ensure quick and for reliable maintenance.It should have particle removal 1 micron. It should have maximum particle size class 2 micron as per ISO 8573-1: 2010 .	Nos	148305
R3-ME-20-MG-11b	SITC of Coarse coalescing filter 1" of 50scfm to 60 scfm filter . It should comply with air quality standard ISO 8573-1: 2010. It should have profiled bowl design and push fit elements ensure quick and for reliable maintenance. It should have particle removal 1 micron. It should have maximum particle size class 2 micron as per ISO 8573-1: 2010 .	Nos	93864
R3-ME-20-MG-11c	SITC of Coarse coalescing filter 1" of 30cfm to 40 scfm filter . It should comply with air quality standard ISO 8573-1: 2010. It should have profiled bowl design and push fit elements ensure quick and for reliable maintenance.It should have particle removal 1 micron. It should have maximum particle size class 2 micron as per ISO 8573-1: 2010 .	Nos	88983

R3-ME-20-MG-11d	SITC of Coarse coalescing filter 1" of 15cfm to 20 scfm filter . It should comply with air quality standard ISO 8573-1: 2010. It should have profiled bowl design and push fit elements ensure quick and for reliable maintenance.It should have particle removal 1 micron. It should have maximum particle size class 2 micron as per ISO 8573-1: 2010 .	Nos.	88983
R3-ME-20-MG-12a	SITC of Fine coalescing filter 1" of 100cfm to 105 scfm filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos	148305
R3-ME-20-MG-12b	SITC of Fine coalescing filter 1" of 50scfm to 60 scfm filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos	93864
R3-ME-20-MG-12c	SITC of Fine coalescing filter 1" of 30 scfm to 40 scfm filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos	88983
R3-ME-20-MG-12d	SITC of Fine coalescing filter 1" of 15 scfm to 20 scfm filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos.	88983



R3-ME-20-MG-13a	SITC of Activated Carbon Filter 1" of 100cfm to 105 scfm Filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos	148305
R3-ME-20-MG-13b	SITC of Activated Carbon Filter 1" of 50scfm to 60 scfm Filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos	93864
R3-ME-20-MG-13c	SITC of Activated Carbon Filter 1" of 30scfm to 40 scfm Filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos	88983
R3-ME-20-MG-13d	SITC of Activated Carbon Filter 1" of 15 scfm to 20 scfm Filter. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have particle removal 0.01 micron. It should have maximum particle size class 1 micron as per ISO 8573-1: 2010 . It should have maximum oil content 1 micron ISO 8573-1: 2010.	Nos.	88983
R3-ME-20-MG-14a	SITC of Fine Dust Filter 1" of 100cfm to 105 scfm. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have pipe size connection 1" = 105scfm and 144nm3/hr.It should have particle removal 0.01 micron. (Maximum tolearance allowed will be only 15%).	Nos	148305
R3-ME-20-MG-14b	SITC of Fine Dust Filter 1" of 50scfm to 60 scfm. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have pipe size connection 1" = 105scfm and 144nm3/hr.It should have particle removal 0.01 micron. (Maximum tolearance allowed will be only 15%).	Nos	93864

R3-ME-20-MG-14c	SITC of Fine Dust Filter 1" of 30 scfm to 40 scfm. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have pipe size connection 1" = 105scfm and 144nm3/hr.It should have particle removal 0.01 micron. (Maximum tolearance allowed will be only 15%).	Nos	88983
R3-ME-20-MG-14d	SITC of Fine Dust Filter 1" of 15 scfm to 20 scfm. It should comply with air quality standard ISO 8573-1: 2010. It should have particle retention of up to 99.999%, and significantly reduced pressure loss. It should have pipe size connection 1" = 105scfm and 144nm3/hr.It should have particle removal 0.01 micron. (Maximum tolearance allowed will be only 15%).	Nos.	88983
R3-ME-20-MG-15a	SITC of Air Receiver Tank of 1500 Litres water capacity	Nos	127119
R3-ME-20-MG-15b	SITC of Air Receiver Tank of 1000 Liters water capacity	Nos	83686
R3-ME-20-MG-15c	SITC of Air Receiver Tank of 500 Litres water capacity	Nos	70339
R3-ME-20-MG-15d	SITC of Pressure Reducing Station from 11 bar to 4 bar (for MA4 Air) and 7 bar (for SA7 air)	Nos	82034
R3-ME-20-MG-15e	SITC of Electrical Control Panel for Air Compressors with time totalizer and phase preveneter and cascading	Nos	209746
R3-ME-20-MG-15f	SITC of Double duct Bed Head Horizontal Wall Panel 1200 mm. Seperate duct for gas outet and seperate duct for electricals. (made up from Aluminum powder coated profiles) with double duct. Separate duct for electrical sockets and separate duct for gas outlet points. Each bed head panel should be pre piped and pre wired. It should have pre wired 8nos. electrical sockets in separate duct ( 4 nos. 5 A sockets and 4 nos. 15 A sockets). Gas outlet points 6nos. pre piped to be fitted in the bed head panel. Gas outlet points cost not to be included in the bed head panel cost since it is separate line item. It should have provision for RJ45 connector and Nurse call system bedside switch with partition between LV and ELV system.	Nos	28475

R3-ME-20-MG-15g	SITC of Double duct Bed Head Horizontal Wall Panel 600 mm. Separate duct for gas outlet and separate duct for electricals. (made up from Aluminum powder coated profiles) with double duct. Separate duct for electrical sockets and separate duct for gas outlet points. Each bed head panel should be pre piped and pre wired. It should have pre wired 4 nos. electrical sockets in separate duct ( 2 nos. 5 A sockets and 2 nos. 15 A sockets). Gas outlet points 2nos. pre piped to be fitted in the bed head panel. Gas outlet points cost not to be included in the bed head panel cost since it is separate line item. It should have provision for RJ45 connector and Nurse call system bedside switch with partition between LV and ELV system.	Nos	14237
	<b>MODULAR OPERATION THEATER</b>		
R3-ME-21-MOT-1	SITC OF Pre-Fab Wall Panel: Stainless Steel Grade 304 Panel : The Pre-fabricated modular construction is designed and constructed for exact size, easy field installation and future disassembly, enlargement, or relocation. The operating room will be constructed from Pre-fabricated Panel of 1.2 mm or more thick Stainless Steel Grade 304 sheets, with a 12 mm thick backing of gypsum board	SqM	12904
R3-ME-21-MOT-2	SITC OF Substructure Steel Assembly : Substructure elements of 1.5 mm thick GI extending from the finish floor to ceiling slab to make the wall panels free standing. Suitable substructure in GI for mounting wall panels along walls, with cross members to support equipment's flush mounted in to the wall panels. Substructure will also have provision for routing electrical wiring and gas Pipeline.	SqM	1566

R3-ME-21-MOT-3	SITC OF Pre-Fab Ceiling: Stainless Steel Grade 304 Panel : The Pre-fabricated modular construction is designed and constructed for exact size, easy field installation and future disassembly, enlargement, or relocation. The operating room ceiling will be constructed from Pre-fabricated Panel of 1.2 mm or more thick Stainless Steel Grade 304 sheets, with a 12 mm thick backing of gypsum board. Suitable grid structure suspended from the ceiling slab should be provided to support the ceiling panels to the required height, and also provide for easy routing of electrical conduits, gas pipelines and bio air-conditioning ducts.	SqM	4251
R3-ME-21-MOT-4	SITC OF Antimicrobial Coating: Filling of all Joints and cavities with metallic Epoxy Filler and Sanded Flush to provide a joint less finish and then sprayed with a water based liquid plastic aseptic and self sterilizing wall coating system to a d.f.t. of 300microns with primer.	SqM	4251
R3-ME-21-MOT-5	SITC OF Antistatic Conductive/ Dissipative Flooring:Seamless with perfectly curved flush-covings, resistance to mechanical stresses and dynamic loads and having conductive protection characteristics, 2 mm thick, washable	SqM	5769
R3-ME-21-MOT-6	SITC OF PACS RETRIVAL SYSTEM: Recess mounted digital image viewing station designed for use in OT, which can work independently, or with PACS of Radiology department, with 40inch DICOM monitor, medical grade keyboard, touch pad. Integrated hardware with minimum i3, i5 or i7 processor, with suitable RAM,HDD and Windows operating system prevalent at the time of installation	Nos	1039909
R3-ME-21-MOT-7	SITC OF Surgeon Control Panel membrane type, mounted flush in the theatre wall, comprising of the following: 1 No. Day Time Clock 1 No. Elapse Time Clock 1 Set dimmer for peripheral/ plan air lights 1 No. hands free telephone 1 No. Medical Gas status/ alarm 1 No. HEPA status/ alarm 1 set indicator only for temperature and humidity display Size - 650X 650 X 115 m	Nos	280852

R3-ME-21-MOT-8	SITC OF Unidirectional Laminar Air Flow Plenum Ceiling: constructed out of 1.2 mm thick SS 304 sheet of size 2800 X 2800 mm having 8 nos. of hepa filters. The hepa filters having dust spot efficiency of 99.99% 0.3 micron. Air & Light diffuser made of mono filament precision woven polyester for the plan air ceiling to give a "LAMINAR FLOW" of filtered air. It shall also have provision for diffused shadow less lighting system with Intensity control.	Nos	1214491
R3-ME-21-MOT-9	SITC OF Two Plate X-Ray Viewing Screen designed to provide a high level of control luminance without flicker. Size- 950 X 650 X 115 mm	Nos	53135
R3-ME-21-MOT-10	SITC OF Cascade Pressure Stabilizer having multi 304 graded stainless steel blades to control room air pressure Size- 305 X 335 mm	Nos	53135
R3-ME-21-MOT-11	SITC OF Storage Unit having two shelves and made out of Stainless steel of grade SS304, having 5 mm thick glass door and mounted flush with the theatre wall and anti microbial coated	Nos	129039
R3-ME-21-MOT-12	SITC OF Writing Board (Size 950 mm x 650 mm) Flush mounted with wall panel surface	Nos	15940
R3-ME-21-MOT-13	SITC OF Hermetically Sealing type of Manual Sliding /Swing Door having thickness of 40-48mm of size 1500 X2100 mm single / dual leaf with PUF core sandwiched between Antimicrobial High Pressure laminates (HPL), with viewing window of size 300 X 300 mm. The door leafs hung on extruded heavy duty aluminium alloy extrusion Doorframe for single side swing Doors, Sliding Door leafs runs on (nylon wheels) within an extruded heavy duty aluminium alloy extrusion track / frames, for smooth effortless sliding with the help of handle.	Nos	265670
R3-ME-21-MOT-14	SITC OF Microprocessor based Electronic Automation (Operator ) for Manual Door for controlling the direction of movements, the acceleration and speed of the door, with a low noise level pulse generator motor. It includes a photocell for users safety. (For sliding door)	Nos	280860
R3-ME-21-MOT-15	SITC OF Radar Hand Switch	Nos	15940
R3-ME-21-MOT-16	SITC OF Foot Switch	Nos	15940
R3-ME-21-MOT-17	SITC OF Electrical wiring and conduiting inside OT from electrical Distribution Board located inside OT complex	Nos	227717

R3-ME-21-MOT-18	SITC OF HVAC Ducting inside OT's Aluminium ducting with 22 Gauge Sheet including all fixtures and accessories, Insulation with 19 mm thick polypropylene insulation for supply duct and 13 mm thick for return air ducts	Nos	379529
R3-ME-21-MOT-19	SITC OF Return air grill made out of 1.5 mm thick Stainless Steel Grade 304 sheet/aluminium powder coated, with damper for return air riser and should be placed at four corners of the OT	Nos	53135
R3-ME-21-MOT-20	SITC OF Medical Gas Pipeline inside OT Comprising of Cooper pipe 15mm Diameter 0.7 and 22mm Diameter 0.9, Pressure transducers , NIST Connectors etc.	Lot	227717
R3-ME-21-MOT-21	SITC OF LED Peripheral Lights : Recess mounted IP54 Protocol, Non hygroscopic Peripheral Lights having power LED elements with suitable electronic driver and controls. The Peripheral light diffusers fixed in powder coated aluminium frame. (Size: 1000/1200 X 230 mm	Nos	22771
R3-ME-21-MOT-22	SITC OF 2- Bay Scrub Sink, with Infrared Photo sensor, Digital Timer with user defined Time interval 1,3,5 and 10minutes,1 no. mixture valve and 1 nos. solenoid valves along with Manual Option Foot Operated mechanism/ Foot switch. Anti-splash metal body construction made of Stainless Steel Grade 304 polished finished. The Scrub Sink is provided with front access panel for ease of maintenance and repairs. 1 – Position size 1600 mm long	Nos	265670
R3-ME-21-MOT-23	SITC OF LED Double Dome OT Light with Ceiling mounted Double Dome LED OT lights having following features. - Light intensity Ec - 160 000 & 130 000 lux, - Light intensity adjustment - 5 – 100% - Color temperature Tc (with adjustment) - 3700 – 5000 K - Light field diameter d10 at Ec - 180 - 400 mm - Working range - 700 - 1400 mm - Color rendering index [Ra(1-8)] - > 93 ( > 95)* - Power supply - 90 – 250 V AC	Nos	2454154
R3-ME-21-MOT-24	SITC OF Anaesthesia Pendant:Double Arm Imported - Supply & Installation of Double Arm Anaesthesia Pendant, with 800 + 800 mm long movable arm, movable by 330°. Having weight carrying capacity of approximately 80Kg, Six Electrical Sockets 5/15 ampere & Data Point, one adjustable monitor shelf, one fixed shelf with drawer and 6 nos. of Gas Outlets	Nos	1442209

R3-ME-21-MOT-25	SITC OF Surgeon Pendant: Double Arm Imported - Supply & Installation of Double Arm Surgeon Pendant with 800 + 800 mm long arm having weight carrying capacity of 150Kg, movable by 330°, Six Electrical Sockets 5/15 ampere & Data Point, Two adjustable monitor shelves, one fixed shelf with drawer and 6 nos. of Gas Outlets	Nos	1442209
R3-ME-21-MOT-26	SITC of Integrated Control System have open construction /architecture enables integration of the equipment and devices, can be controlled by the system using touch panel or PC, which presents the visual interfaces of the devices. The operator from one place has the possibility to control devices, equipment, & Optional transmission, recording and displaying of the video signal (HD or SD). The operator have access to the hospital information system that stores information about patients. INTEGRATED Control features; OPERATING TABLES INTEGRATED CONTROL SYSTEM Enables remote control of the operating tables in operating block (OT). It can control all electro- hydraulic functional movements of the table.	Nos	1897644
	LIGHTING INTEGRATED CONTROL SYSTEM Enables control of Surgical lights installed in the operating theatre. Panel can control Single or Double head operating light. Enables to adjust intensity, colour temperature and ENDO function during mini invasive surgeries, of each light head. The intensity of peripheral lights also can be adjusted. AIR-CONDITIONING SYSTEM INTEGRATED CONTROL SYSTEM System enables control / Display of air-conditioning parameters and Display the level HEPA filters. CAMERAS INTEGRATED CONTROL SYSTEM allows control of the overview cameras in the room and placed in the operating light head. The panel can control the overview camera settings, image zoom and image preview. Panel of camera in the light head can control zoom and rotation and preview of images		
	MONITORS Medical monitors integrated with wall panels and mounted on operating lights arms. OPTIONAL MANAGEMENT OF AUDIO-VIDEO SIGNAL AND ACCESS TO THE INFORMATION SYSTEM INTEGRATED CONTROL SYSTEM enables to choose, save, preview, play and stop of the signal from cameras. The signal is recorded as per DICOM standard. INTEGRATED allows access to the hospital information system that stores information about patients (PACS, HIS).		

R3-ME-21-MOT-27	SITC OF Hermetically High Pressure Sealed LEAD LINE Sliding door made out of Stainless Steel 304 sheet having thickness of 40- 48mm of size 1500 X 2100 mm single / dual leaf with PUF core sandwiched between Stainless steel 304 sheet, with viewing window of size 300 X 300 mm. The Extruded Alumunium Doorframe with Sealing Gasket provides Leak-less mechanism on three side of Door with extruded heavy duty anodized wall frame with non return air gasket, and drop seal provides leak less sealing with the floor. Doors are provided with standard accessories like Door closer, D type Handle etc.	Nos	888097
R3-ME-21-MOT-28	SITC OF Ceiling mounted Triple Dome LED OT lights with HD Camera having following features. - Light intensity Ec -160 000 , 160 000 & 130 000 lux, - Light intensity adjustment - 5 – 100% - Color temperature Tc (with adjustment) - 3700 – 5000 K - Light field diameter d10 at Ec - 180 - 400 mm - Working range - 700 - 1400 mm - Color rendering index [Ra(1-8)] - > 93 ( > 95)* - Power supply - 90 – 250 V AC - Power consumption - 80 - 110W Camera - Image Device - 1/2.8 type Exmor TM CMOS sensor - Effective Pixels - Approx. 2 million - Digital Zoom 20x - 20x (200x with optical zoom) - Horizontal Viewing Angle - 54.1°(wide end) to 2.9°(tele end) - Sync System Internal - Electronic Shutter - 1/2 to 1/10,000 s, 21 steps - White Balance - Auto - Focus System - Auto	Nos	4098909
R3-ME-21-MOT-29	SITC OF Perfusionist Pendant Spring Arm Pendant having Gas Outlet for Oxygen and Medical Air 4 bar Electrical switch sockets	Nos	986775
R3-ME-21-MOT-30	Distribution Board outside OT	Nos	115113
R3-ME-21-MOT-31	Ceiling Mounted Monitor Arm	Nos	706342