



Running Contract Details	
Equipment Name	CT Scanner 32 Slice
Running Contract Valid Till	10-04-2025
Tender Ref No	KMSCL/EP/T489/1635/2022
Tendered Quantity	5
Supplier Name	M/s Siemens Healthcare Private Limited
GST No	33AAVCS8021P1ZM
Installation & Delivery Period	16 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Seethakathi Business Centre No.272/688 5th Floor Anna Salai Chennai - 600 006	Contact Person	B V Rahul, K Unnikrishnan
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Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	CT Scanner 32 Slice <i>Model & Make : Somatom go.Up / Siemens Healthcare GmbH</i>	32200000 Incl.GST :12%	2374750	34574750
2	Additional Workstation as per spec <i>Model & Make : Medsynapse Entry Level 3D Workstation Software with Standard Monitor, View Axial, frontal, sagittal sections, 3D View MIP , minIP, AIP modes with Workstation Core i7,16GB RAM, 2GB Graphics Card, 512GB SSD, ITB HDD, Windows 10 OS Prof, DVD R/W, Standard 27 inch Monitor, Key Board & Mouse/ Medsynaptic</i>	416871.58 Incl.GST :18%	29181.01	446052.59
3	pressure Injector Dual head <i>Model & Make : SALIENT DUAL WITH RCU/ Bayer or Equivalent</i>	1142936.48 Incl.GST :12%	84291.57	1227228.05
4	Full system UPS <i>Model & Make : Reillo Power/ Riello Power or Equivalent</i>	957336.36 Incl.GST :18%	67013.55	1024349.91
5	Dry Imager <i>Model & Make : DV5950 two tray/Carestream or Equivalent</i>	357779.54 Incl.GST :18%	25044.57	382824.11

Item-wise Price Details				
6	Desktop Computer with Laser Printer <i>Model & Make : Local IT supplier or Equivalent</i>	206508.26 Incl.GST :18%	14455.58	220963.84
7	Lead Apron with thyriod Shield, Gonad Shield and Lead Apron Hanger <i>Model & Make : Kiran or Equivalent</i>	35640.64 Incl.GST :12%	2628.5	38269.14
8	Lead Glass (Size 100cm x 150cm) <i>Model & Make : System Electronics or Equivalent make & model</i>	206944.64 Incl.GST :12%	15262.17	222206.81
9	CIVIL WORKS : Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below	562.86 Incl.GST :18%	39.4	602.26
10	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area beyond 3 sq. metres	680.86 Incl.GST :18%	47.66	728.52
11	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	161.66 Incl.GST :18%	11.32	172.98
12	Dismantling old electrical points, wiring, lights and handing over the same to the hospital authorities	5900 Incl.GST :18%	413	6313
13	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	1392.4 Incl.GST :18%	97.47	1489.87
14	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	267.86 Incl.GST :18%	18.75	286.61
15	Dismantling of toilet fittings including pipe lines , closets, washbasin etc to complete	4017.9 Incl.GST :18%	281.25	4299.15
16	Anti- Termite treatment : Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	469.64 Incl.GST :18%	32.87	502.51

Item-wise Price Details				
17	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti- termite treatment (excluding the cost of chemical emulsion) : Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	35.4 Incl.GST :18%	2.48	37.88
18	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	8709.58 Incl.GST :18%	609.67	9319.25
19	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed : All kinds of soil	619.5 Incl.GST :18%	43.37	662.87
20	Providing cable trench for system cables and wherever necessary with metal cover including finishing works and all allied works	1947 Incl.GST :18%	136.29	2083.29
21	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	10856 Incl.GST :18%	759.92	11615.92
22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Thermo-Mechanically Treated bars.	97.94 Incl.GST :18%	6.86	104.8
23	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	8156.16 Incl.GST :18%	570.93	8727.09
24	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	1534 Incl.GST :18%	107.38	1641.38

Item-wise Price Details				
25	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	643.1 Incl.GST :18%	45.02	688.12
26	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	1652 Incl.GST :18%	115.64	1767.64
27	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08%and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	1876.2 Incl.GST :18%	131.33	2007.53
28	Providing and fixing 2.0mm th. Vinyl floor with rubber based adhesive over clean and smooth surface including finishing by rolling a light roller all complete.	2242 Incl.GST :18%	156.94	2398.94
29	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	590 Incl.GST :18%	41.3	631.3
30	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron)	590 Incl.GST :18%	41.3	631.3

Item-wise Price Details				
31	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.	1416 Incl.GST :18%	99.12	1515.12
32	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness	1522.2 Incl.GST :18%	106.55	1628.75
33	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000mm) with double speed adjustment with necessary accessories and screws etc. complete.	1652 Incl.GST :18%	115.64	1767.64
34	Providing and fixing 100mm brass locks (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	1226.02 Incl.GST :18%	85.82	1311.84
35	Providing and fixing sun controlled film on glass surface for door/windows,after thoroughly cleaning and dust free the surface to get smooth finish,to get air tight clean surface, ect,complete as directed by Engineer-in -charge	472 Incl.GST :18%	33.04	505.04
36	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 125 mm	413 Incl.GST :18%	28.91	441.91
37	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 250x10 mm	531 Incl.GST :18%	37.17	568.17
38	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete : 150x10 mm	472 Incl.GST :18%	33.04	505.04

Item-wise Price Details

<p>39</p>	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3layers covering upto 150 mm or both sides of joint and two coats of primer suitable for board, all as per manufacture's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I.</p>	<p align="center">1357 Incl.GST :18%</p>	<p align="center">94.99</p>	<p align="center">1451.99</p>
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Item-wise Price Details

40	<p>Providing and fixing tiled false ceiling of approved materials of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams per sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85x 30x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer -in-charge.Â 12.5 mm thick square edge PVC Laminated Gypsum Tile size 595x595 mm made of Gypsum plasterboard , manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16 mm thick fire retardant PVC film on the face side and 12 micron metalized polyster on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyster film so as to make the tile a completely sealed unit</p>	<p align="center">1711 Incl.GST :18%</p>	<p align="center">119.77</p>	<p align="center">1830.77</p>
41	<p>Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.</p>	<p align="center">177 Incl.GST :18%</p>	<p align="center">12.39</p>	<p align="center">189.39</p>
42	<p>Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.</p>	<p align="center">174.64 Incl.GST :18%</p>	<p align="center">12.22</p>	<p align="center">186.86</p>
43	<p>Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade : One or more coats on old work</p>	<p align="center">267.86 Incl.GST :18%</p>	<p align="center">18.75</p>	<p align="center">286.61</p>

Item-wise Price Details				
44	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	267.86 Incl.GST :18%	18.75	286.61
45	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface.	295 Incl.GST :18%	20.65	315.65
46	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing& fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/6 litre (adjustable to 4 litre/8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	17110 Incl.GST :18%	1197.7	18307.7
47	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2065 Incl.GST :18%	144.55	2209.55
48	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690gms. 15 mm nominal bore	1475 Incl.GST :18%	103.25	1578.25
49	Supplying and fixing Stainless steel soap dish including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.Â	602.98 Incl.GST :18%	42.21	645.19
50	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	8035.8 Incl.GST :18%	562.51	8598.31
51	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour.600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than190gms.	1741.68 Incl.GST :18%	121.92	1863.6

Item-wise Price Details				
52	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 20 mm pipe 10 Kgf/ cm2	265.5 Incl.GST :18%	18.59	284.09
53	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 75 mm pipe 6 Kgf/cm2	670.24 Incl.GST :18%	46.92	717.16
54	"Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chased and making good the wall etc. 110 mm pipe 6kgf/cm2 " "	1032.5 Incl.GST :18%	72.28	1104.78
55	Constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	30550.2 Incl.GST :18%	2138.51	32688.71
56	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	267.86 Incl.GST :18%	18.75	286.61
57	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours White, Ivory, Rey, Fume Red Brown, laid on 20mm thick cement mortar 1:4 (1Cement : 4 Coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	1581.2 Incl.GST :18%	110.68	1691.88
58	" FURNITURE & OTHER WORKS : Lead lined door shutters: 2mm Lead lined door shutters with Solid cored(30mm) Lead(2mm) lined flush door side hung two rebated shutters with plywood(6mm) & laminated (1mm) on both sides and all accessories (SS hinges (4 no's), tower bolt , SS handles etc..) "	24190 Incl.GST :18%	1693.3	25883.3

Item-wise Price Details				
59	Lead lined door frames: Lead(2mm) lined flush door side hung single shutter with plywood(6mm) & laminated (1mm) on both sides and all accessories (Lead sheet should overlap door frame & wall)including Providing wood work in frames of doors and fixed in position with hold fast lugs or with dash fasteners of required dia & length , using good quality Anjili wood /jack wood (frame size 12 cm x 8 cm)	295000 Incl.GST :18%	20650	315650
60	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	153400 Incl.GST :18%	10738	164138
61	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	5310 Incl.GST :18%	371.7	5681.7
62	Providing and fixing PVC Door Frame of size 50x47mm with a wall thickness of 5 mm ($\hat{A}\pm 0.2$ mm) made out of single piece extruded PVC profile, with mitred cut joints and joint with 2nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15mm & self driven self tapping screws, the vertical door profiles to be reinforced with 40x20mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8x100mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	870.84 Incl.GST :18%	60.96	931.8

Item-wise Price Details				
63	35 mm thick factory made Solid panel PVC Door shutter made out of single piece extruded solid PVC profiles, 5 mm ($\hat{A}\pm 0.2\text{mm}$) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5mm thick solid PVC Lock rail of size 115 mm x 35 mm x 35 mm, out of which 95 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-in-charge. Non decorative finish (matt finish).	3750.04 Incl.GST :18%	262.5	4012.54
64	Wood frame for fixing Lead Glass (Lead sheet should overlap door frame & wall)	26786 Incl.GST :18%	1875.02	28661.02
65	Providing and fixing Thomson Multi wood board or equivalent make, in shelves, shutter with screws and fittings wherever required, edges to be painted with polyurethane primer including all fittings as per the direction of site Engineer-in-charge. \hat{A} (Total area of the shutter only measured).	1003 Incl.GST :18%	70.21	1073.21
66	Steel cupboard (Godrej) for storage 6ft tall 3 feet width	40120 Incl.GST :18%	2808.4	42928.4
67	Cubicle curtain with hanger : Should be track and curtain type, 2. Track shall be made of high quality aluminum, 3. Should have stain free curtain material, 4. Manual operation, 5. Per meter rate for aluminum track and curtain material shall be offered	531 Incl.GST :18%	37.17	568.17
68	Computer table (long) with keyboard tray, CPU storage at base in a side and storage drawers at other side. (For workstation and reports) reputed brand godrej/featherlite/wipro	29464.6 Incl.GST :18%	2062.52	31527.12
69	Revolving chair - Pushback, PU arms, Pneutic height adjustment and nylon base. Reputed brand like godrej/featherlite/wipro	11210 Incl.GST :18%	784.7	11994.7

Item-wise Price Details				
70	MISCELLANEOUS WORKS:- PVC Name plates - 24" (L) x 4" (H)	3776 Incl.GST :18%	264.32	4040.32
71	Site cleaning	5357.2 Incl.GST :18%	375	5732.2
72	"Supply, Installation, Testing & Commissioning of LT Panel , cubicle type, made out of 2mm thick CRCA sheet,totally enclosed, IP 42, free standing, floor mounting, dust and vermin proof, indoor, compartmentalised, suitable for operation on 3 phase , 415 V, 50Hz AC system with busbars , including internal wiring with suitable size HFFR wires/cable, interconnection, duly powder coated with seven tank process etc., including all inter connections and following components as per drawing and technical specifications. INCOMER 200 A FP 36kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 1 nos. BUSBARS 200 Ampere TPN busbars of Aluminum alloy high conductivity with heat shrinkable coloured sleeves INSTRUMENTS Digital type multifunction meter with CTs of suitable rating for measurement of voltage, current, frequency, power factor, KVA, KW, KWH. - 1 No EFR - 1 No ON/OFF indication lamps-1set RYB Indicating lamps LED type - 3 Nos. OUTGOINGS 160A FP. 25kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 1 nos. 100A FP 25kA MCCB with adjustable Microprocessor Based release with OL & SC protection -2 nos 63A FP 25kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 2 nos. "	320163.5 Incl.GST :18%	22411.45	342574.95
73	"Supply, conveyance and fixing the following types & current rated control gears & switchgears conforming to IS 13947 suitable for 440 V, 50 Hz, AC supply in the existing panel assembly as required. 125A, 35/36 kA (Ics=100%Icu), 3 pole, current limiting type MCCB with microprocessor based release with overload setting of 50 - 100% having adjustable OL & SC"	12154 Incl.GST :18%	850.78	13004.78
74	"Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) TPN, MCB DB, 4 way (8+12), double door, horizontal type"	7080 Incl.GST :18%	495.6	7575.6

Item-wise Price Details				
75	<p>"Supply, Installation, Testing & Commissioning of LT Panel(UPS) , cubicle type, made out of 2mm thick CRCA sheet,totally enclosed, IP 42, free standing, floor mounting, dust and vermin proof, indoor, compartmentalised, suitable for operation on 3 phase , 415 V, 50Hz AC system with busbars , including internal wiring with suitable size HFFR wires/cable, interconnection, duly powder coated with seven tank process etc., including all inter connections and following components as per drawing and technical specifications. INCOMER 160 A FP, 25kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 1 nos. 200 Ampere TPN busbars of Aluminum alloy high conductivity with heat shrinkable coloured sleeves INSTRUMENTS ON/OFF indication lamps-1set RYB Indicating lamps LED type - 3 Nos. Voltmeter(0-500V) with selector switch - 1 No. Ammeter (0-400A) - 3 No. OUTGOINGS 125 A FP 25 kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 1 nos. 100 A FP 25/16kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 4 nos. 63 A FP 25/16kA MCCB with adjustable Microprocessor Based release with OL & SC protection - 2 nos."</p>	288274 Incl.GST :18%	20179.18	308453.18
76	<p>"Supply, conveyance and fixing the following types & current rated control gears & switchgears conforming to IS 13947 suitable for 440 V, 50 Hz, AC supply in the existing panel assembly as required. 125A, 35/36 kA (Ics=100%Icu), 4 pole, current limiting type MCCB with microprocessor based release with overload setting of 50 - 100% having adjustable OL & SC"</p>	14584.8 Incl.GST :18%	1020.94	15605.74
77	<p>"Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) TPN, MCB DB, 6 way (8+18), double door, horizontal type"</p>	11210 Incl.GST :18%	784.7	11994.7
78	<p>"Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) 4 way (4+12), TPN, vertical type, MCB DB, double door"</p>	12390 Incl.GST :18%	867.3	13257.3

Item-wise Price Details				
79	"Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, â€œBâ€• curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole 6 A. to 32 A. ratings "	389.4 Incl.GST :18%	27.26	416.66
80	"Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, â€œCâ€• curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole 6 A. to 32 A. ratings "	435.42 Incl.GST :18%	30.48	465.9
81	"Supplying and fixing Following rating 415 V, 10 kA, â€œCâ€• curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63A TP MCB, C-CURVE MCB"	2655 Incl.GST :18%	185.85	2840.85
82	"Supplying and fixing Following rating 415 V, 10 kA, â€œCâ€• curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40A TP MCB, C-CURVE MCB"	1947 Incl.GST :18%	136.29	2083.29
83	" Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 Amps"	1607.16 Incl.GST :18%	112.5	1719.66
84	" Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 Amps"	1648.46 Incl.GST :18%	115.39	1763.85
85	"Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 amps"	3787.8 Incl.GST :18%	265.15	4052.95
86	"Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 Amps"	4177.2 Incl.GST :18%	292.4	4469.6

Item-wise Price Details				
87	"Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 100 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 Amps"	4821.48 Incl.GST :18%	337.5	5158.98
88	"Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Bell push"	159.3 Incl.GST :18%	11.15	170.45
89	"Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 amps switch"	112.1 Incl.GST :18%	7.85	119.95
90	" Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 15/16 amp switch"	147.5 Incl.GST :18%	10.33	157.83
91	"Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 3 pin 5/6 amp socket outlet"	188.8 Incl.GST :18%	13.22	202.02
92	"Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 pin 15/16 amp socket outlet"	247.8 Incl.GST :18%	17.35	265.15
93	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	1005.36 Incl.GST :18%	70.38	1075.74
94	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	870.84 Incl.GST :18%	60.96	931.8
95	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 25A DP Switch	283.2 Incl.GST :18%	19.82	303.02

Item-wise Price Details				
96	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 25 A3 pin shuttered socket modular	354 Incl.GST :18%	24.78	378.78
97	"Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire"	295 Incl.GST :18%	20.65	315.65
98	"Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 4 X 1.5 sq. mm + 2 X 1.5 sq. mm earth wire"	413 Incl.GST :18%	28.91	441.91
99	"Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire"	309.16 Incl.GST :18%	21.64	330.8
100	"Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire"	413 Incl.GST :18%	28.91	441.91
101	"Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire"	415.36 Incl.GST :18%	29.08	444.44
102	"Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 4 X 4 sq. mm + 2 X 4 sq. mm earth wire"	678.5 Incl.GST :18%	47.5	726
103	"Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in existing/recessed steel/ PVC conduit as required. 1 run of cable"	161.66 Incl.GST :18%	11.32	172.98

Item-wise Price Details				
104	"Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in existing/recessed steel/ PVC conduit as required. 2 run of cable"	254.88 Incl.GST :18%	17.84	272.72
105	"Supplying and drawing following pair 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair Cable"	67.26 Incl.GST :18%	4.71	71.97
106	"Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C"	1475 Incl.GST :18%	103.25	1578.25
107	"Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C "	649 Incl.GST :18%	45.43	694.43
108	"Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Telephone socket outlet RJ 11"	259.6 Incl.GST :18%	18.17	277.77
109	"Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. CAT 6 RJ 45 computer jack"	870.84 Incl.GST :18%	60.96	931.8
110	" Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required. 20 mm"	161.66 Incl.GST :18%	11.32	172.98
111	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	41.3 Incl.GST :18%	2.89	44.19
112	"Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 1 or 2 Module (75mmX75mm)"	602.98 Incl.GST :18%	42.21	645.19

Item-wise Price Details				
113	"Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 3 Module (100mmX75mm)"	737.5 Incl.GST :18%	51.63	789.13
114	"Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 6 Module (200mmX75mm)"	710.36 Incl.GST :18%	49.73	760.09
115	"Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 8 Module (125mmX125mm)"	790.6 Incl.GST :18%	55.34	845.94
116	Recess mounted LED luminaire with full diffuser type upto 36 W (max), 2x2 LED, Cool White, 5700k, White powder coated CRCA housing, WIPRO CRCO10R038HP57GL1 or Bajaj BZRSQL 36W GZi CW or Equivalent	4130 Incl.GST :18%	289.1	4419.1
117	Supplying and Fixing of Wall / Ceiling mounted type IP 65 circular LED fitting, 15 W along with LED lamp	2142.88 Incl.GST :18%	150	2292.88
118	Powder Coated Frame for Fixing Recess mounted LED 2x2 ft luminaire 608 mm x 608 mm in POP/GYPSUM BOARD CEILING, Wipro/Philips/Bajaj/Havells etc	413 Incl.GST :18%	28.91	441.91
119	Supply & fixing 20W LED Cool White/White Type Tube light Light Fittings Philips/Havells/Similar superior make	885 Incl.GST :18%	61.95	946.95
120	Supplying and Fixing of 6/7 W bayonet cap type LED bulb in the existing angle batton etc as required (Philips, Wipro or similar superior make)	377.6 Incl.GST :18%	26.43	404.03
121	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as require. 4C x 95 sq.mm with factory made clamp	5546 Incl.GST :18%	388.22	5934.22
122	Supply & laying of one No. PVC insulated and PVC sheathed armoured copper power cable of 1.1 KV grade of the following sizes in the existing masonry open duct as required. 4C x 95 sq.mm	5310 Incl.GST :18%	371.7	5681.7

Item-wise Price Details				
123	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required. 4C x 70 sq.mm with factory made clamp	4838 Incl.GST :18%	338.66	5176.66
124	Supply & laying of one No. PVC insulated and PVC sheathed armoured copper power cable of 1.1 KV grade of the following sizes in the existing masonry open duct as required 4C x 70 sq.mm	4425 Incl.GST :18%	309.75	4734.75
125	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as require. 4C x 50 sq.mm with factory made clamp	3363 Incl.GST :18%	235.41	3598.41
126	Supply & laying of one No. PVC insulated and PVC sheathed armoured copper power cable of 1.1 KV grade of the following sizes in the existing masonry open duct as required 4C x 50 sq.mm ,	3127 Incl.GST :18%	218.89	3345.89
127	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as require. 4C x 25 sq.mm with factory made clamp	1829 Incl.GST :18%	128.03	1957.03
128	Supply & laying of one No. PVC insulated and PVC sheathed armoured copper power cable of 1.1 KV grade of the following sizes in the existing masonry open duct as required 4C x 25 sq.mm	1711 Incl.GST :18%	119.77	1830.77
129	SSupply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as require. 4C x 16 sq.mm with factory made clamp	1416 Incl.GST :18%	99.12	1515.12
130	Supply & laying of one No. PVC insulated and PVC sheathed armoured copper power cable of 1.1 KV grade of the following sizes in the existing masonry open duct as required 4C x 16 sq.mm	1475 Incl.GST :18%	103.25	1578.25

Item-wise Price Details				
131	"Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed/XLPE 2, Armoured, Copper power cable of 1.1KV grade as required. 4C x 95 sq.mm"	2773 Incl.GST :18%	194.11	2967.11
132	"Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed/XLPE 2, Armoured, Copper power cable of 1.1KV grade as required. 4C x 70 sq.mm"	2336.4 Incl.GST :18%	163.55	2499.95
133	"Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed/XLPE 2, Armoured, Copper power cable of 1.1KV grade as required. 4C x 50 sq.mm"	2100.4 Incl.GST :18%	147.03	2247.43
134	"Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed/XLPE 2, Armoured, Copper power cable of 1.1KV grade as required. 4C x 25 sq.mm"	1770 Incl.GST :18%	123.9	1893.9
135	"Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed/XLPE 2, Armoured, Copper power cable of 1.1KV grade as required. 4C x 16 sq.mm"	1156.4 Incl.GST :18%	80.95	1237.35
136	Supplying and providing earth clamps for siemens/tropodur type cable glands of suitable length and other dimensions noted along with each size of glands for the following sizes of cables as required. 4sqmm-16 sq mm with 12 mm wide x 1 mm thick clip	335.12 Incl.GST :18%	23.46	358.58
137	Supplying and providing earth clamps for siemens/tropodur type cable glands of suitable length and other dimensions noted along with each size of glands for the following sizes of cables as required.25 sq - 95sq mm with 20 mm wide x 1.20 mm thick clip	402.38 Incl.GST :18%	28.17	430.55
138	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	10797 Incl.GST :18%	755.79	11552.79

Item-wise Price Details				
139	Providing and fixing earth bus of 50 mm X 5 mm copper strip on surface for connections etc. as required. copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	4460.4 Incl.GST :18%	312.23	4772.63
140	Providing and Fixing 4mm dia copper wire on surface or in recess for loop earthing as required	167.56 Incl.GST :18%	11.73	179.29
141	Supplying ,Installation, testing and commissioning of 1200 mm ceiling fans with BEE 5 star rating for energy efficiency, including wiring the down rods of standard length (upto 30cm) with 1.5sq mm FR PVC insulated, copper conductor single core cable etc as required.	2596 Incl.GST :18%	181.72	2777.72
142	Supplying and fixing 2 module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	472 Incl.GST :18%	33.04	505.04
143	Supply, Installation, testing and comissioning of residential type light duty exhaust fan 900 rpm, 300 mm, in plastic housing light duty in the existing opening, including louver/shutter, making the hole to suit the size of the above fan, making good the damage, connection, testing commissioning etc as required	1888 Incl.GST :18%	132.16	2020.16
144	SITC of 400mm sweep meduim duty wall fans with metallic vanes (Make: M/s Almonard/ Crompton/Bajaj or Equivalent)	3422 Incl.GST :18%	239.54	3661.54
145	24-Port Gigabit manageable smart Network Switch with 2 SFPs. Rack mountable	29500 Incl.GST :18%	2065	31565
146	Patch panel - 24-Port patch panel with cable tray. Rack mountable	8614 Incl.GST :18%	602.98	9216.98
147	4U Rack- Wall Mountable including 4x 6Amp power distribution box	7080 Incl.GST :18%	495.6	7575.6
148	Supply of branded 1mtr patch cords with cat 6 cable.	182.9 Incl.GST :18%	12.8	195.7
149	Supply of branded 2mtr patch cords with cat 6 cable.	306.8 Incl.GST :18%	21.48	328.28

Item-wise Price Details				
150	Supply of branded 3mtr patch cords with cat 6 cable.	413 Incl.GST :18%	28.91	441.91
151	Suitable De- Humidifier units : Extraction at least 35 litres/day, compresor : rotary, Air flow : at least 220m3/hr, reputed brand, input 230Vac	53100 Incl.GST :18%	3717	56817
152	Charges for obtaining electrical inspectorate's approval, Energisation sanction and regularizing the additiona load with KSEB including revising the HT Agreement.	100300 Incl.GST :18%	7021	107321
153	2 Kg ABC Powder Type Fire Extinguisher With NABL Approval, Fights Class A, B, C and Electrically started fires.	3080.98 Incl.GST :18%	215.67	3296.65
154	4 Kg ABC Powder Type Fire Extinguisher With NABL Approval, Fights Class A, B, C and Electrically started fires.	4017.9 Incl.GST :18%	281.25	4299.15
155	Supply, Conveyance testing and commissioning of 1 Ton 5 Star Inverter Type, split AC unit with Copper Tube cooling coils, 5 star rating Bluestar/LG(Dual Inverter Type)/Voltas/Mitsubishi or Superior Superior brands, Cooling Capacity 3000 KW/hr with rotary/scroll type compressors. with microprocessor controlled code less remote, CFM above 500/450, LED/LCD Display	57230 Incl.GST :18%	4006.1	61236.1
156	Supply, Conveyance testing and commissioning of 1.5 Ton 5 Star Inverter Type, split AC unit with Copper Tube cooling coils, 5 star rating Bluestar/LG(Dual Inverter Type)/Voltas/Mitsubishi or Superior Superior brands, Cooling Capacity 4500 KW/hr with rotary/scroll type compressors. with microprocessor controlled code less remote, CFM above 500/450, LED/LCD Display	63130 Incl.GST :18%	4419.1	67549.1
157	Supply, Conveyance testing and commissioning of 2 Ton 4/5 Star Inverter Type, split AC unit with Copper Tube cooling coils, 5 star rating Bluestar/LG(Dual Inverter Type)/Voltas/Mitsubishi or Superior Superior brands, Cooling Capacity 6000 KW/hr with rotary/scroll type compressors. with microprocessor controlled code less remote, CFM above 500/450, LED/LCD Display	75933 Incl.GST :18%	5315.31	81248.31

Item-wise Price Details				
158	4 KVA Voltage Stabilizer Wall mount type with Time delay, High & low voltage & Thermal overload protection, Input voltage: 170-220V, Output Voltage : 200-240V, High Voltage Cut Off : 240V, Efficiency: >95%, Frequency : 50Hz, V guard VG 500 or Equivalent	14750 Incl.GST :18%	1032.5	15782.5
159	Copper Pipe with Superlon Insulation for Suction and Discharge (For additional length which exceeds the Copper Pipe supplied along with the machine)	873.2 Incl.GST :18%	61.12	934.32
160	PVC Drain Pipe with proper insulation	377.6 Incl.GST :18%	26.43	404.03
161	Weather Proof 3 Core Copper Wire for Indoor to Outdoor Connecting Cable (Size as per the requirement of AC manufacturer)	383.5 Incl.GST :18%	26.85	410.35
162	Supporting Stand for Fixing Outdoor Unit(Powder coated)	3835 Incl.GST :18%	268.45	4103.45
163	Buy back of old CT Scanner available in MCH Kottayam (The rate offered may be deducted from the main equipment cost, if buy back is included)	52678.74 Incl.GST :18%	3687.51	56366.25
164	AC Trap door (not taken for evaluation)	17700 Incl.GST :18%	1239	18939
165	"Ductable A/C units 11 TR x 2 No's (2 outdoor unit of 11TR and 2 AHU) Low side works for complete installation & commissioning of AC Supply, installation, testing & commissioning of 11 TR or higher capacity aircooled ductable split air conditioner with ceiling suspended IDU and all standard fitting, GSS sheet metal duct (insulation using resin bounded glass wool with 7 micron aluminium foil) for air distribution 22/24 G, IDU SS drain pan as per specification complete with suitable capacity drive motor, aircooled condenser with all accessories, hermetically sealed scroll compressor, electronic microprocessor pendant controller with digital display, first charge refrigerant gas, vibration isolator pads, structural support for fixing IDU/ODU, safety devices including thermal protector, pressure release valve, overload relay single phase preventer etc, power wiring and control cabling (indoor to outdoor), thermostat wiring, high-low pressure cut out suitable for 3 phase 440V supply etc complete as required. The two units shall work alternatively. Should have provision to change automatically in prefixed time. Should also have provision to control both unit manually. Quote rate for 2 11TR outdoor and indoor unit with ducting and other accessories. (Not taken for evaluation)"	973500 Incl.GST :18%	68145	1041645

Item-wise Price Details								
166	<p>"Ductable A/C units 8.5 TR x 2 No's (2 outdoor unit of 8.5TR and 2 AHU) Low side works for complete installation & commissioning of AC Supply , installation ,testing & commissioning of 8.5 TR or higher capacity aircooled ductable split air conditioner with ceiling suspended IDU and all standard fitting,GSS sheet metal duct(insulation using resin bounded glass wool with 7 micron aluminium foil) for air distribution 22/24 G, IDU SS drain pan as per specification complete with suitable capacity drive motor , aircooled condensor with all accessories ,hermetically sealed scroll compressor, electronic microprocessor pendant controller with digital display, first charge refrigerant gas, vibration isolator pads, structural support for fixing IDU/ODU, safety devices including thermal protector, pressur releafe valve ,overload relay single phase preventer etc, power wiring and control cabling(indoor to outdoor), thermostat wiring, high-low pressure cut out suitable for 3 phase 440V supply etc complete as required. The two units shall work alternatively. Should have provision to change automatically in prefixed time. Should also have provision to control both unit manually. Quote rate for two 8.5TR outdoor and indoor unit with ducting and other accesories. (Not taken for evaluation)"</p>			914500 Incl.GST :18%	64015	978515		
			39412293.32	2884806.24	42297099.56			
Annual / Comprehensive Maintenance Charges (Exl.Tax)								
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year	
CT Scanner 32 Slice								
Labour								
Comprehensive	26,05,487.00	27,45,991.00	28,93,521.00	30,48,427.00	32,11,078.00	33,81,861.00	35,61,184.00	
Additional Workstation as per spec								
AMC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAMC	73,214.00	73,214.00	73,214.00	73,214.00	73,214.00	73,214.00	73,214.00	
pressure Injector Dual head								
AMC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAMC	70,905.00	74,450.00	78,172.00	82,081.00	86,185.00	90,494.00	95,019.00	
Full system UPS								
AMC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAMC	1,56,819.00	1,58,091.00	1,59,426.00	1,60,829.00	1,62,301.00	1,63,847.00	1,65,470.00	
Dry Imager								
AMC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CAMC	93,575.00	98,254.00	1,03,166.00	1,08,325.00	1,13,741.00	1,19,428.00	1,25,399.00	

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :CT Scanner 32 Slice

I. The system should be with 20 mm or more Z axis detector width Sub-mm scanning capability in Axial and helical mode is essential, with capability of acquiring 32 slices per rotation in single axial mode. System should be ready for integrating with any PACS/HIS system without any additional software or hardware.

II. The system should be DICOM - ready with true isotropic volume acquisition and sub millimetre resolution. The model quoted should be, US FDA/European CE certified . The system should be capable of doing ultra low dose imaging using iterative reconstruction technique. The essential requirements of the system are as follows:-

a. Gantry:

1. Aperture: 70 cms or more
2. FOV: 50 cms or more
3. 3-D laser lights for positioning.

b. X-Ray Generator:

1. High Frequency type.
2. Power output: 32KW or higher
3. mA Range: 20-350 mA or higher (With incremental steps of 10 mA)
4. KV Range: 80-130 or more

c. X-Ray Tube:

1. Tube Voltage: 80-130 kV or more
2. Anode Heat Storage Capacity of at least 3.5MHU with 600KHU/min anode heat cooling rate or more.

d. Patient Table:

1. Load carrying capacity at least of 150 Kg with positional accuracy of 1 mm or less
2. Metal free scanable range of 150 cm or more
3. Floating table top with foot pedal/hand control for positioning.

e. Spiral Acquisition:

1. Scan Time should be 0.8 sec or less for full 360 degree rotation.
2. Minimum slice thickness should be 0.625mm or less.

3. Pitch Factor (volume pitch): freely selectable in auto mode and also manually variable between 0.5 to 1.5 or more. Specify all possible pitch selections.
4. Bolus Triggered or bolus chase spiral acquisition should be available.
5. Real time x-ray dose reduction which combines both Z axis and angular tube current modulation to adjust the dose to the size and shape of individual.
6. Metal Artifact reduction on raw data based technique should be available including neuro applications
7. The reconstruction speed with iterative recon should be more than 13 images/s
8. The operator console should have all capabilities of 2D reformat, 3D MIP, VR, 3D segmentation tools, CT perfusion, 3D Virtual Scopy without any additional workstation.

III. DRY CAMERA

LASER Printer with 2 minimum ports 16 bits and 500dpi, Throughput per hour 70 or more

A. GANTRY

1. Remote tilt
2. With user control panels on either sides
3. 3 D positioning LASER lights

B. X-RAY SECTION

- A. Compact and inbuilt generator in the gantry
- B. Dual focus X-ray tube
- C. X-ray tube cooling unit in built in gantry

C. DETECTORS

- A. Solid State

D. PATIENT COUCH

1. Remote UP/ DOWN , FWD/ BWD option

E. SPIRAL/HELICAL SECTION

- i. Ability to track contrast medium to trigger
- ii. Scan
- iii. Dose reduction Scan

IV. COMPUTER SYSTEM

- I. Multitasking processors and menu driven platform
- II. additional work station with all the software available in console
- III. Archiving facility of DVD & CD at main console
- IV. Should be provided with minimum one reporting station with sufficient resolution &tools.

V. ACCESSORIES

- I. Lead Glass of size-100 X 150 cm- 1 no.(If the present one replaced)
- II. Lead Apron Hanger -1 nos.
- III. Zero lead Apron with thyroid shield &gonad shield -3 nos(minimum)
- IV. Online UPS from reputed manufacturer having at least 30 minute back up.
- V. All patient positioning accessories including head rest.
- VI. Desktop computer : Processor : Intel i5 or more (10th generation) , RAM : 8 GB, Hard disk : 1 TB, Monitor : 21 inch or more
- VII. Dual head contrast injector (300 psi) with minimum 100 nos syringe

VI. Specifications for Turnkey Work

- I. Site preparation including interiors and Air-conditioning

II. The allotted area to be prepared with sufficient interiors: Carpet area of 750 sq. feet approx. The area should have properly lead shielded wherever required as per BARC norms.

III. Only covered space would be provided to the supplier

IV. General

a. Floor: Floor (except of CT room) should be of premier quality double charged joint less Glazed ceramic tiles of size (800 x 800) mm. Antistatic PVC floor for CT room (Tarkett / Wonder floor or equivalent)

b. Ceiling: Powdered coated Aluminum Grid Ceiling and Gypsum board false ceiling wherever required.

c. Wall: should be of premier quality double charged joint less Glazed ceramic tiles of size (450 x 300) mm up to ceiling high. Wall specification should be as per BARC norms

d. Door for CT Room: Wooden (with lead shielding as per AERB norms)/ Heavy duty double leaf Steel Main Entrance door with locking facility and metal UPS room door with 1 hour fire rating. Both metal doors shall be wooden texture finish. (Tata Parvesh door or equivalent)

e. Paint: 2 coats synthetic enamel paints over 2 coats primer over wall putty (if required)

f. Viewing Window: Size of the Lead window should be at least 2" (H) X 4" (W)

g. Air-conditioning: The entire carpet area should be air-conditioned with AC machines of appropriate tonnage and with 100% back up. AC machines with 5 star rating having appropriate capacity to bring down and maintain room temperature up to 16° Celsius as per requirement. There should be sufficient number of the AC machines to run the service round the clock and uninterrupted in case of breakdown of any of the AC machine(s). A/C ducting to prepare, if required with necessary fire guard. Indicative AC Make: O General/ Hitachi/Mitsubishi or Equivalent – Green gas

h. High quality room L E D lighting (up to 400 LUX of illuminance)

i. Ambient light interior during treatment period.

j. Gas Pipelines etc with 2 terminations – one at patient waiting area & other at Gantry room– imported terminals to be supplied.

k. The bidders to submit drawing layout plan of the interior. At least 15 -20 patient holding positions has to be mentioned in the drawing layout plan. Sufficient furniture to be supplied for the console room and patient waiting.

l. Skylight in the ceiling for 10ft x 8ft

m. Wiring System:

i. Light, Fan, 5 Amp Plug: 3 X 1.5 sq. mm copper Conductor FRLS wire should be Provided.

ii. Power Plug (15 Amp): 2 X 2.5 + 1 X 1.5 sq. mm copper conductor FRLS wire should be provided.

iii. Split AC wiring: 2 X 4 + 1 X 2.5 sq. mm copper conductor FRLS wire should be provided.

iv. Earthing: Four nos. Copper plate earthing as per PWD schedule

n. Dress Changing room

◦ Misc supply items : – water purifier 2 nos one to be fitted near patient waiting area&other inside.

VII. OTHERS

a. The offer should be accompanied by original product data sheet/brochure of the product and AERB type approval certificate or valid No Objection Certificate (NOC) for the model offered should be submitted along with the technical bid. In case of NOC valid type approval certificate has to be submitted prior to submission of invoice for payments.

b. There shall be no separate licensing fee for the use of software (software by the bidder or third party) supplied by the bidder.

c. All equipment provided shall be of current production, new and of first rate quality.

d. Remote diagnostic capabilities must include the ability to remotely connect the system on a regular basis to retrieve information about the system and to correct any software problems.

e. It is the responsibility of the bidder to provide all items required but erroneously mentioned or omitted above for the full commissioning of the equipment.

VIII. BUY BACK:

The existing CT SCAN machine must be subject to BUY BACK by bidder. The cost for buyback of old working CT Scanner (Make: Toshiba) shall be offered. The rate offered for buy back will be reduced from the cost offered for the new machine including all accessories and turnkey works. The lowest offer by reducing the buyback rate will be selected as the successful bidder for the purchase of equipment in GMC Kottayam. For the running contract the successful bidder will be declared on the basis of lowest rate offered for the new equipment including all accessories and turnkey works.

L1 for GMC Kottayam : Cost offered for CT scanner 32 slice with all accessories as per BOQ + cost of turnkey works for the quantity mentioned in BOQ – buyback cost offered for old CT scanner available in GMC Kottayam.

If the buyback rate offered by the L1 bidder is less than the upset value fixed by the condemnation committee for the old CT scanner, the L1 bidder will be given the opportunity to offer rate more than the upset value. if the upset value could not be matched then the old machine will not be given in buyback.

L1 for Running Contract: cost offered for CT scanner 32 slice with all accessories as per BOQ + cost of turnkey works for the quantity mentioned in BOQ. This will be done manually.

Note: If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid