



AN ISO 9001 & 14001

COMPANY TENDER

DOCUMENT

e-TENDER No: SRO/CON/ETS/279

Tender for "Special Repair of Civil and Electrical works (a) Civil work for Damaged False ceiling works (b) Proposed to convert the existing rooms into a 40-bed ward on the 1st floor A-Block (near the pediatric Ward) of the Old Building at ESIC Medical College and Hospital, KK Nagar, TN."

VOLUME – IV

Price Bid with Bill of Quantities

**Engineering Projects (India) Limited
(A Govt. of Enterprise)
Southern Regional Office
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ENGINEERING PROJECTS (INDIA) LTD.
(A. Govt. of India Enterprise)
SOUTHERN REGIONAL OFFICE, CHENNAI

ESIC - Special Repair Works - YEAR 2023-2024.		
Tender : "Special Repair of Civil and Electrical works (a) Repair and Modification of Damaged False ceiling works (b) Proposed Construction to convert the existing rooms into a 40-bed ward on the 1st floor A-Block (near the Pediatric Ward) of the Old Building at ESIC Medical College and Hospital, KK Nagar, TN"		
NIT No. SRO/CON/ETS/279 dtd 24.05.2025		
Summary		
S.No	Description	Amount (Rs)
I	Civil	
A	DSR ITEMS -2023	₹ 71,96,090.69
B	MR ITEMS	-₹ 23,776.00
C	SOR (STANDARD SCHEDULE OF RATES) 2024-2025	₹ 7,746.97
	Total Civil Works (I)	₹ 71,80,061.67
II	Electrical	
D	DSR ITEMS (2022)	₹ 14,09,642.23
E	SOR (STANDARD SCHEDULE OF RATES) 2024-2025	₹ 5,85,714.40
F	PAR (2023)	₹ 45,84,832.00
G	MR Items	₹ 2,42,335.96
	Total Electrical Works (II)	₹ 68,22,524.60
III	Medical Gas Pipe System	
H	MR Items	₹ 28,15,644.19
	Total MR Item (III)	₹ 28,15,644.19
	Grand Total -> Civil + Electrical + Gas Pipe Line System (I+II+III)	₹ 1,68,18,230.45
	Deduction GST 18%	
	Civil Works	₹ 60,84,798.00
	Electrical Works	₹ 57,81,801.00
	Gas Pipe Line System	₹ 23,86,139.00
	Total Amount Excluding GST	₹ 1,42,52,738.00

<p align="center">ENGINEERING PROJECTS (INDIA) LTD. (A. Govt. of India Enterprise) SOUTHERN REGIONAL OFFICE, CHENNAI</p>						
ESIC - Special Repair Works - YEAR 2023-2024.						
Tender : "Special Repair of Civil and Electrical works (a) Repair and Modification of Damaged False ceiling works (b) Proposed Construction to convert the existing rooms into a 40-bed ward on the 1st floor A-Block (near the Pediatric Ward) of the Old Building at ESIC Medical College and Hospital, KK Nagar, TN"						
NIT No. SRO/CON/ETS/279 dtd 24.05.2025						
Bill of Quantities						
Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
	(I)	CIVIL WORKS				
1	10.16.2	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes	315.52	KG	206.35	65,107.55
2	12.45	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 12.5 mm 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 spacing of 1200 mm 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 of 10.5 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 20 mm 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 size 3.5 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 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer'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 :				
	12.45.3	Plain Gypsum plaster board conforming to IS: 2095 (Part -1) : 2011 (Board with BIS certification marks) 12.5 mm thick	495.78	SQM	1529.10	7,58,097.20
3	12.53	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross 'T' of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.	757.17	SQM	2158.15	16,34,086.44
4	12.54	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with :				

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
	12.54.2	GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation.	536.14	SQM	2354.65	12,62,422.05
5	13.62.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	12.80	SQM	226.25	2,896.00
6	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	219.52	SQM	338.25	74,252.64
7	15.57	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer- in-charge.	250.00	SQM	56.35	14,087.50
8	(DSR 12.53) Derived Items	Supplying of 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm as directed by the Engineer - in - Charge.	237.96	SQM	1228.21	2,92,264.85
9	Derived item 12.45.3	Providing and fixing false ceiling at all height 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 size 3.5 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 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer'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. 12.5 mm thick tapered edge gypsum moisture resistant board	162.51	SQM	887.74	1,44,266.63
10	7010	Providing & fixing of Galvanised Steel ceiling section (size 80x26x0.50 mm) for wherever damaged/missed shall be replaced in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	212.80	21,280.00
11	7011	Providing & fixing Galvanised Steel perimetre Channel (Size 20x27x30x0.50mm) for wherever damaged/missed shall be replaced in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	66.46	6,646.00
12	7012	Providing & fixing Galvanised Steel intermediate Channel (Size 15x45x15x0.90mm) for wherever damaged/missed shall be replaced in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	102.48	10,248.00
13	7013	Providing & fixing of Galvanised Steel angle hanger (Ceiling angle) (Size 25x10x0.50mm) for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	54.50	5,450.00
14	7014	Providing & fixing of Galvanised Steel connecting clips (2.64mm dia and 230 mm long GI wire) for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	63.00	6,300.00
16	7015	Providing & fixing of Galvanised Steel soffit cleat (Size 27x37x25x0.60mm) for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	55.65	5,565.00
17	Derived item DSR No. 12.54.2	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm as approved make as per Engineer-in-Charge.	54.00	SQM	1193.54	64,451.16
18	8615	Supplying of Hanger rod 4mm thick for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	19.70	1,970.00
19	8590	Providing & fixing of Galvanised Steel main Tee ceiling section (Size 24x38x0.60mm) 3m long for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	77.32	7,732.00
20	8591	Providing & fixing of Galvanised Steel perimeter wall angle (Size 24x24x0.60mm) 3m long for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	69.76	6,976.00
21	8592	Providing & fixing of Galvanised Steel intermediate cross T section (Size 24x25x0.33mm) 1.2m long for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	119.09	11,909.00
22	8593	Providing & fixing of Galvanised Steel intermediate cross T section (Size 24x25x0.33mm) 0.6m long for wherever damaged/missed in false ceiling as approved make as per Engineer-in-Charge.	100.00	Each	60.41	6,041.00
23	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:5:10 (1 Cement : 5 coarse sand (zone-III) : 10 graded stone aggregate 40 mm nominal size)	2.28	Cum	6518.60	14,862.41

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
24	5.30	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 above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	2.58	Cum	11505.50	29,684.19
25	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	128.01	Kg	107.85	13,805.88
26	5.9.2	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	8.16	Sqm	842.50	6,874.80
27	6.13.1	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 1:3 (1 cement : 3 coarse sand)	110.55	Sqm	1150.50	1,27,187.78
28	8.2.2.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone of colour black, Cherry-Rubyred	20.74	Sqm	5136.30	1,06,526.86
29	8.31	Providing and fixing 1st 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.	386.49	Sqm	1267.95	4,90,050.00
30	8.3.2	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	45.36	Mtr	510.95	23,176.69
31	9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with awall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	5.05	Rmt	492.70	2,488.14
32	9.120.1	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 30 mm thick plain PVC door shutters	3.68	Sqm	3182.95	11,713.26
33	9.147 A5.2	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer Three track three panels sliding window made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm)	18.21	sq.m	-	-
34	11.40	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete.	70.08	Sqm	1439.40	1,00,873.15

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
35	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption 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), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	229.14	Sqm	1553.45	3,55,957.53
36	12.41.1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter	72.45	Mtr	248.80	18,025.56
37	12.41.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter	37.00	Mtr	377.40	13,963.80
38	13.2.1	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	428.94	Sqm	399.45	1,71,340.08
39	15.52	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	2.00	Nos	112.05	224.10
40	14.75	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In- Charge.	20.30	Sqm	670.95	13,620.29
41	14.81	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.	8.00	Nos	288.10	2,304.80
42	14.83	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineering-in-Charge	224.22	Sqm	3.45	773.56
43	15.12.1	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	15.00	Each	367.2	5,508.00
44	15.57	Dismantling aluminium/Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material within 50 meters lead as directed by Engineer-in- charge	96.63	Sqm	56.35	5,445.10
45	15.7.4	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	29.67	Cum	2060.2	61,126.13
46	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	85.35	Sqm	54.65	4,664.38
47	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles up to 40 mm	44.93	Sqm	113.35	5,092.82
48	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	2.45	Cum	3551.25	8,700.56
49	15.60.	Disposal of building rubbish / malba /similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in- charge, beyond 50 m initial lead, for all leads including all lift involved.	38.47	Cum	263.95	10,154.16
50	17.1.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	Each	6767.4	13,534.80
51	18.8.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge: Concealed work, including cutting chases and making good the walls etc: 25 mm nominal dia Pipes	73.20	Mtr	627.25	45,914.70
52	18.8.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 20 mm nominal outer dia Pipes	66.00	Mtr	537.6	35,481.60
53	17.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 Litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid	4.00	Nos	6515.55	26,062.20
54	17.7.3	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 550x400 mm with a pair of 15 mm C.P. brass pillar taps	4.00	Nos	2226.35	8,905.40

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
55	18.18.2	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	3.00	Nos	462.5	1,387.50
56	18.18.3	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore	3.00	nos	464.05	1,392.15
57	21.1.1.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded builtup 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)	20.16	kg	530.90	1,82,905.67
58	21.2.1	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 oneside and balancing lamination on other side	20.16	sq.m	1139.3	22,968.29
59	21.3.2	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 mm thickness (weight not less than 12.50 kg/Sqm)	22.86	sq.m	1505.25	34,410.02
60	21.8.1	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	49.60	sq.m	96.75	4,798.80
61	26.28.3	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In- Charge	8.25	Sqm	126.75	1,045.69
62	26.32.2	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding/tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2): 25 mm average thickness in 2 layers.	5.75	Sqm	587.35	3,377.26
63	26.86.1	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Frame size 45 x 70 mm	10.40	Rmtr	705.85	7,340.84
64	26.87.1	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) 30 mm thick	4.20	sq.m	4346.7	18,256.14
65	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	18.00	Sq.m	617.05	11,106.90

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
		TotalAmount				64,25,080.98
		Add cost index 12%				7,71,009.72
		Total for DSR Works - Civil (A)				71,96,090.69
		MR ITEMS				
66	MR-1	Dismantling of existing shutter of door taken back by agency and credit to Corporation	-15.00	Each	30	-450.00
67	MR-2	Dismantling of Steel reinforcement has taken back by agency and credit to Corporation	-200.00	KG	20	-4,000.00
68	MR-3	Dismantling of existing of aluminium partition/doors are taken back by agency and credit to Corporation	-96.63	KG	200	-19,326.00
		Total for MR Items - Civil (B)				-23,776.00
		SOR (STANDARD SCHEDULE OF RATES)2024-2025				
69	E-VI 0867 SSR 2024/25	PVC ITEMS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM) PVC Pipes 50mm dia 6 kg. per cm2	49.50	Mtr	101.40	5,019.30
70	E-XI 0572 SSR 2024/25	Supply and Fixing of C.I Nahani / Floor trap with Stainless Steel grating 100 x 75 mm	5.00	Each	178.00	890.00
		Total SSR				5,909.30
		Add Corporation Limit 10%				590.93
		Sub Total				6,500.23
		Add GST 18%				1,170.04
		Sub Total				7,670.27
		Add Labour Cess 1%				76.70
		Total SSR (C)				7,746.97
		Total Civil Works (A+B+C)				71,80,061.67
	(II)	Electrical Work				
71	1.10.3	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 insulatedcopper conductor single core cable etc. as required. Group C	150.00	Point	1467.00	2,20,050.00
72	1.14.2	Wiring for circuit/sub main wiring along with earth wire with following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required - 2 x 2.5 sq.mm + 1 x 2.5 sq.mm earthwire	205.00	Mtr	275.00	56,375.00
73	1.14.3	Wiring for circuit/sub main wiring along with earth wire with following sizes of PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required - 2 X 4 sq.mm + 1 X 4 sq.mm earth wire	502.00	Mtr	334.00	1,67,668.00
74	1.17.21	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required. 3 x 4 sq. mm	20.00	Mtr	206.00	4,120.00
75	1.21.2	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. 25 mm	160.00	Mtr	145.00	23,200.00
76	1.24.1	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 A switch	320.00	Each	103.00	32,960.00
77	1.24.3	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 A switch	320.00	Each	156.00	49,920.00
78	1.24.4	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 A socket outlet	320.00	Each	122.00	39,040.00
79	1.24.5	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 6 pin 15/16 A socket outlet	340.00	Each	197.00	66,980.00
80	1.27.1	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. 1 or 2 Module (75 mm X 75 mm)	36.00	Each	298.00	10,728.00
81	1.27.4	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. 6 Module (200 mm X 75 mm)	1.00	Each	402.00	402.00
82	1.27.6	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. 12 Module (200 mm X 150 mm)	76.00	Each	547.00	41,572.00
83	1.33	Supplying and fixing 3 pin, 5A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	150.00	Each	87.00	13,050.00
84	2.2.13	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 100 A,30KA,FPMCCB	2.00	Each	7723.00	15,446.00
85	2.2.15	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 200 A,36KA,FPMCCB	4.00	Each	15206.00	60,824.00
86	2.5.2	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 200A 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.)8 way (4 + 24), Double door	6.00	Each	10165.00	60,990.00

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
87	2.10.1	Supplying and fixing 5A to 32A rating, 240/415 V, 10kA, "C"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	94.00	Each	256.00	24,064.00
88	2.11	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10.00	Each	13.00	130.00
89	4.6.4	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required. 300 mm width X 50 mm depth X 1.6 mm thickness	110.00	Mtr	963.00	1,05,930.00
90	4.7.4	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "bends" (galvanisation not less than 50 microns) with perforation not more than 17.5%, inconvenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required. 300 mm width X 50 mm depth X 1.6 mm thickness	1.00	Each	1852.00	1,852.00
91	5.2	Earthing with GI earth pipe 4.5mtr long, 40mm dia including accessories and providing masonry enclosure with cover plate having locking arrangements and water pipe arrangements etc. with charcoal and salt as required	2.00	Each	6855.00	13,710.00
92	5.17	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	84.00	Mtr	155.00	13,020.00
93	9.1.20	Supplying and making end termination with brass compression gland and aluminium lugs for following sizes of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required - 3.5x25 Sqmm	12.00	Each	313.00	3,756.00
94	9.1.21	Supplying and making end termination with brass compression gland and aluminium lugs for following sizes of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required - 3½ X 35 sq. mm (32mm)	12.00	Each	369.00	4,428.00
95	19.1	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50Hz, single phase AC Supply, earthing etc. complete as required.	48.00	Each	2730.00	1,31,040.00
96	1.17.12	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required. 3 x 2.5 sq. mm	100.00	Mtr	137.00	13,700.00
97	2.10.3	Supplying and fixing 5A to 32A rating, 240/415V, 10kA, "C" 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. Double pole	1.00	Each	656.00	656.00
		Total DSR Electrical				11,75,611.00
		Add Cost Index 12%				1,41,073.32
		Total DSR Electrical				13,16,684.32
		Add GST variation 6%				79,001.06
		Total				13,95,685.38
		Add labour Cess 1%				13,956.85
		Total for DSR Works - Electrical (D)				14,09,642.23
		SOR (STANDARD SCHEDULE OF RATES)2024-2025				
98	M-1273	20W 4 Feet LED Fitting with LED	30.00	Each	806.50	24,195.00
99	PART "B" 5 M-1354	WALL MOUNTING FAN 300mm Sweep	2.00	Each	2708.00	5,416.00
100	PART "B" 2 M-1343	EXHAUST FANS AC Exhaust Fan 300mm (12") Sweep (Heavy Duty)	4.00	Each	2257.00	9,028.00
101	PART "E" 1 M-1549	SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK 31/2 core 25 sq.mm. PVC Armoured UG Cable	220.00	Mtr	221.60	48,752.00
102	PART "E" 1 M-1550	SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK 31/2 core 35 sq.mm. PVC Armoured UG Cable	440.00	Mtr	260.90	1,14,796.00
103	M-1811	RCCB / ELCB (FOUR POLE) - HIGHER END 63 Amps 30 MA	10.00	Each	3348.00	33,480.00
104	M-2049	REFRIGERANT copper PIPE 28.60mm	25.00	Mtr	1860.00	46,500.00
105	M-2050	REFRIGERANT copper PIPE 22.20mm	25.00	Mtr	1560.00	39,000.00
106	M-2052	REFRIGERANT copper PIPE 15.90mm	25.00	Mtr	115.00	2,875.00
107	M-1537	PLUG AND SOCKETS 20Amps MC Plug with 3 Pin Top	10.00	Each	215.00	2,150.00
108	M-1294	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE) HIGHER END 150W LED Street Light Fitting with LED	5.00	Each	18307.00	91,535.00
109	M-1345	AC Exhaust Fan 450mm (18") Sweep (Heavy Duty)	8.00	Each	3584.00	28,672.00
110	M-1799	SHEET STEEL ENCLOSURE FOR MCB's - HIGHER END 2 Pole	1.00	Each	377.00	377.00
		Total SSR				4,46,776.00
		Add Corporation Limit 10%				44,677.60
		Sub Total				4,91,453.60

Sl.No.	DSR /SSR / MR Item No	Description of Item	Quantity	Unit	Rate	Amount
		Add GST 18%				88,461.65
		Sub Total				5,79,915.25
		Add Labour Cess 1%				5,799.15
		Total for SSR - Electrical (E)				5,85,714.40
		PAR 2023				
111	6.6.1	Supplying Installation testing and commissioning of VRV/VRF/system including indoor/outdoor units, piping, Electrical power distribution/ wiring electrical panel, treated fresh air System etc.	70.00	HP	58480.00	40,93,600.00
		Total				40,93,600.00
		Add Cost index 12%				4,91,232.00
		Total (F)				45,84,832.00
		Total for PAR items - Electrical (F)				
112	MR	Supply and fixing of 25W led surface fitting (Size 12"X12")	60.00	Each	4038.93	2,42,335.96
		Total for MR items - Electrical (G)				2,42,335.96
		Total Electrical (D+E+F+G)				68,22,524.60
	(III)	Medical Gas Pipe System				
		MR Items				
113	MR	Medical Gas Copper Pipeline 12mm OD 0.90mm thick copper pipe arrangement to hang on the wall of socket type connection installation of seamless cleaned and greased non-arsenical phosphorous gas copper pipe line with saddles complete with brazing work including all copper fitting (tee, elbow, reducer, coupling). The copper pipelines should be tested suitable for steam of working pressure of 17.34 Kg. /cm2 (17 bar) and confirm to BS- 864 Standard Lloyd's certified. Fittings End-feed type, made from the same grade copper as the pipe, and in accordance with the requirements of BS-864. Pipe clamps shall be non-reactive to copper and be of non-ferrous or non-deteriorating plastic suitable for the diameter of the pipe.	152.00	Rmt	512.59	77,914.16
114	MR	Medical Gas Copper Pipeline 15mm OD 0.90mm thick copper pipe arrangement to hang on the wall of socket type connection installation of seamless cleaned and greased non-arsenical phosphorous gas copper pipe line with saddles complete with brazing work including all copper fitting (tee, elbow, reducer, coupling). The copper pipelines should be tested suitable for steam of working pressure of 17.34 Kg. /cm2 (17 bar) and confirm to BS- 864 Standard Lloyd's certified. Fittings End-feed type, made from the same grade copper as the pipe, and in accordance with the requirements of BS-864. Pipe clamps shall be non-reactive to copper and be of non-ferrous or non-deteriorating plastic suitable for the diameter of the pipe.	450.00	Rmt	899.09	4,04,592.26
115	MR	Medical Gas Copper Pipeline 22mm OD 0.90mm thick copper pipe arrangement to hang on the wall of socket type connection installation of seamless cleaned and greased non-arsenical phosphorous gas copper pipe line with saddles complete with brazing work including all copper fitting (tee, elbow, reducer, coupling). The copper pipelines should be tested suitable for steam of working pressure of 17.34 Kg. /cm2 (17 bar) and confirm to BS- 864 Standard Lloyd's certified. Fittings End-feed type, made from the same grade copper as the pipe, and in accordance with the requirements of BS-864. Pipe clamps shall be non-reactive to copper and be of non-ferrous or non-deteriorating plastic suitable for the diameter of the pipe.	215.00	Rmt	1387.02	2,98,208.62
116	MR	Supply and fixing Brass Isolation valve 12 MM	130.00	Each	1498.03	1,94,744.29
117	MR	Supply and fixing Brass Isolation valve 15 MM	18.00	Each	2443.73	43,987.07
118	MR	Supply and fixing Brass Isolation valve 22 MM	7.00	Each	2931.65	20,521.54
119	MR	Bed Head Panel of size 3 FEET length, height 1 feet and depth of 4". The Aluminum powder coated with requirement color for provision points of DIN Standard outlet made up of copper pipe and outlet are non-interchangeable for other gases and cover duly color coated as per specific gas details of outlets 02-1 No, Air 1 No. Vacuum-1 No. with double electrical socket with switch 3 Nos. with one set of IV- bottle holders fixing to the wall hanging and vacuum jar holders.	40.00	Each	28055.57	11,22,222.72
120	MR	Supply and fixing MONITOR STAND FOR PANEL WITH RAIL	40.00	Each	2601.34	1,04,053.67
121	MR	Supply and fixing I V STAND FOR PANEL WITH RAIL	40.00	Each	2758.96	1,10,358.30
122	MR	Providing and fixing PROBE FOR OUTLET POINT	126.00	Each	441.32	55,606.77
123	MR	Providing and fixing S S BASKET FOR PANEL	40.00	Each	867.57	34,702.83
124	MR	Providing and fixing Flowmeter with humidifier body brass bar stock inner & outer tubes Polycarbonate calibrated pressure 0-15 LPM Bottle Polycarbonate	40.00	Each	1498.03	59,921.32
125	MR	Providing and fixing FloVacuum regulator with collecting jar, Capacity of 1000 ML with safety trap, unbreakable polycarbonate jar, Aluminum Anodized Body, Brass Chrome plated components ABS Plastic color code caps, Vacuum Pressure gauge range 0-760 mm of Hg, On-Off switch in regulator to start/stop, connecting hose 1 meter.	40.00	Each	3389.42	1,35,576.78
126	MR	Providing and fixing THREE WAY ALARM BOX	2.00	Each	27582.72	55,165.44
127	MR	Providing and fixing BEFORE ALARM BOX SEPARATE ISOLATION BRASS VALVE 12 MM	6.00	Each	1498.03	8,988.20
128	MR	B/S STANDARD outlet made up of copper pipe and outlet are non-interchangeable for other gases and cover duly color coated as per specific gas details of outlets 02-2 No, Air 1 No. Vacuum-2 No, N2O-1 No.	6.00	Each	4522.88	27,137.29
129	MR	Supply and Fixing 4 GAS ALARM SYSTEM DIGITAL TYPE WITH VALVE	1.00	Each	38615.81	38,615.81
130	MR	Supply of THEATRE SUCTION TROLLY SPIDER TYPE S S MAKE	1.00	Each	23327.10	23,327.10
		Total for MR items - Medical Gas Pipe System (H)				28,15,644.19
		Grand Total -> Civil + Electrical + Gas Pipe Line System (I+II+III)				1,68,18,230.45