

Tender Details

Tender Details > **Tender Consolidated Details**

Tender ID: 119264	IFB/Tender Notice No.:HD-18/24	Description of Material/Name of Work: Construction of Office Accommodation for Port Staff
ECV (INR):54342759.00	Last Date For Bid Submission: 22-11-2024 12:00	Tender Type/Tender Category :Open/WORKS
Location: Kachchh	Department: Deendayal Port Authority	Sub Department: Town Development Division

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PART - A CIVIL

Item No.	Item Description	Qty	Unit
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (a) All kinds of soil / GSB filled area / Ashphalted surface	2339.000	M3
b	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. (i) All kinds of soil	384.000	M3
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	585.000	M3
3	Filling in Foundation with Black Trap stone Boulder including supply of Boulder and preparing surface complete.	384.000	M3
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	321.000	M3
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	321.000	M3

Item No.	Item Description	Qty	Unit
6	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping / placing of concrete to site of laying including the cost of centering,shuttering, finishing but excluding the cost of reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (A) All works upto plinth level for Raft, Tie Beam, Plinth Beam,Column, Wall Slab etc	1143.000	M3
B	All works above plinth level upto floor V level for Sill, Lintle, Slab Beam, Chajja, Slab, Staircase, Column etc.,.	564.000	M3
7	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete . (A) Thermo-Mechanically Treated bars of grade Fe- 500D or more. (I)UPTO PLINTH LEVEL	105680.200	KG
II	ABOVE PLINTH LEVEL UPTO FLOOR FIVE LEVEL	54962.000	KG
8	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) (I)Cement mortar 1:6 (1 cement : 6 coarse sand)	262.000	M3
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	10.000	M3
b	In superstructure above plinth level up to floor V level In : i) Cement mortar 1:4 (1 cement : 4 coarse sand)	549.000	M3
10	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). (a) First class teak wood	3.770	M3
11	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak and laminate with sunmica sheet 1mm thick on both faces of shutters. (a) 45 mm thick including ISI marked Cromium Plated Brass butt hinges of size 125 X 85 X 5.5mm (heavy type) with necessary screws.	114.800	M2
12	Providing and fixing Cromium plated brass butt hinges with necessary screws etc. complete : (a)125x85x5.5 mm (heavy type)	18.000	Each

Item No.	Item Description	Qty	Unit
13	Providing and fixing Cromium plated brass 125 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	46.000	Each
14	Providing and fixing Cromium plated Brass tower bolts, of approved quality with necessary screws etc. complete. (a) 250x10 mm	59.000	Each
15	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.	9.000	Each
16	Providing and fixing bright finished brass door latch with necessary screws etc. complete : (a) 250x16x5 mm	11.000	Each
17	Providing and fixing aluminium die cast body tubular type hydraulic door closer with necessary accessories and screws etc.	46.000	Each
18	<p>Providing and fixing factory made uPVC white colour sliding glazed window 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 & cost of roller, Lock and all other fixtures required for window & filling the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per direction of Engineer-in- Charge.</p> <p>(a) Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension.</p>	122.000	M2

Item No.	Item Description	Qty	Unit
19	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance $\pm 1\text{mm}$), with wall thickness 2.0 mm ($\pm 0.2\text{ mm}$), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm ($\pm 0.1\text{ mm}$) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge. (a) Extruded section profile size 48x40 mm	52.250	Mtr.
20 a	Providing and fixing to existing door frames. 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm ($\pm 0.2\text{ mm}$) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm ($\pm 0.1\text{ mm}$) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm ($\pm 0.2\text{ mm}$) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm ($\pm 0.1\text{ mm}$) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	15.400	M2

Item No.	Item Description	Qty	Unit
21	<p>Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) 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), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water, Louver glass for ventilator, and filling the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per a direction of Engineer-in- Charge. Note: For uPVC frame, sash and mullion extruded profiles minus 5 percent tolerance in dimension i.e. in depth & width of profile shall be acceptable. (A) Casement window single panel with S.S. friction hinges (300 x 19 x 1.9 mm), made of (small series) frame 47 x 50 mm & sash 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glass pane glazing bead of appropriate dimension.</p>	4.000	M2
22	<p>Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.</p>	14665.000	KG
23	<p>Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel roovigs incorporating minimum 0.3 percent ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. (a) 2 mm thick flat</p>	365.000	M2

Item No.	Item Description	Qty	Unit
24	Plastering with cement mortar 1 : 4 including racking out joints, scrubbing & cleaning, finishing smooth curing etc. complete. A) for interior / Exterior plastering upto 10 mtr Height. i) 10 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	7383.000	M2
25	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 Kotah stone base / 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. (excluding cost of Kotah stone) Granite of any colour and shade (A) Area of slab over 0.50 sqm	217.000	M2
26	Providing and laying Full body vitrified double charge floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08 percentage 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. (A) Size of Tile 600 x 600 mm (9 mm thick or as specified by manufacturer) (I) Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling /grouting and finishing complete as per direction of Engineer-in-charge.	1460.000	M2
27	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08 percent and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling /grouting and finishing complete as per direction of Engineer-in-charge. (a) Size of Tile 600 x 600 mm	2456.900	M2

Item No.	Item Description	Qty	Unit
28	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pigment etc., complete.	18.000	M2
29	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.	32.400	M2
30	Providing & fixing one side polished Kota stone slab 18 to 20 mm thick of approved shade & size set on wall face in cement mortar 1:3 (1 cement 3 sand) 25 mm thick. Pointing the joints complete as directed.	24.400	M2
31	Providing and laying the water proofing on terrace by providing avrage 90 mm thick of brick bat coba to necessary gradient and joint filled in CM 1:3 with mixing water proofing compound as per manufacturer' specification , rough to receive china mosaic (broken piece of china mosaic) of approved colour and pattern over top surface in CM 1:3 and with cement slurry, giving proper slope to drain out rain water, compaction, curing etc., complete all labour and materials as directed by Engineer-in-charge. a) For work up to 10 MTR HEIGHT	275.500	M2
32	Providing & fixing PVC Nahni trap 100 mm dia. with necessary fittings, making good the walls & floor, including cost of labour, materials etc., complete as directed.	26.000	Each
33	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 : a) W.C. pan with ISI marked white solid plastic seat and lid	13.000	Each

Item No.	Item Description	Qty	Unit
34	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required :- a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	12.000	Each
35	Providing and fixing brass bib cock of approved quality : a) 15 mm nominal bore	34.000	Each
36	Providing and fixing C.P .Brass Stop cock. A) 15 mm dia. - weight 0.40 kg	32.000	Each
37	Providing and fixing Stainless Steel A ISi 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : a) Kitchen sink without drain board - 610x510 mm bowl depth 200 mm	3.000	Each
38	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	13.000	Each
39	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. a) Concealed work, including cutting chases and making good the walls etc. i) 15 mm nominal outer dia Pipes	485.000	Mtr.
ii	20 mm nominal outer dia Pipes	120.000	Mtr.
iii	25 mm nominal outer dia Pipes	120.000	Mtr.
40	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. a) 110 mm	120.000	Each
41	Providing, laying & jointing PVC pipes of required working pressure as per I.S.I. 4985 including cutting and jointing the pipe ends as per manufacturer's instructions including the cost of specials wherever required and, excavation and refilling of the trenches or fixing on walls or similar structures with clamps and testing the joints etc. complete as directed. a) Pipe 75 mm outer dia. working pressure 4kg/cm2.	140.000	Mtr.
b	Pipe 160 mm outer dia. working pressure 6 kg/cm2.	100.000	Mtr.

Item No.	Item Description	Qty	Unit
42	Providing & fixing SWR PVC (I.S.I - IS 13592) waste or vent pipe including necessary specials such as Tees, Bends, Y's Plinth offsets, Shoes , Vent cowl etc . with bracket , screws on wooden plugs fixed on wall face including filling joints with solution & cement mortar 1:2 complete as directed. a)110 mm dia. (OD)	240.000	Mtr.
43	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	6000.000	Ltr.

PART - A Civil item 44 to 77

Item No.	Item Description	Qty	Unit
44	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.	12.000	Each
45	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. (A) With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	6488.000	M2
46	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	6488.000	M2
47	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : a) Two or more coats on new work	4288.000	M2
48	Finishing walls with water proofing cement paint of required shade : a) New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	2215.000	M2
49	Supplying, testing, commissioning RO Plants of 150 Litre per hour capacity (including required PVC water tank) of approved make which consists of all necessary parts viz motor pump of required capacity, multipart valve, 20" bowl & filter silver process of high pressure pump of required capacity, multipart valve, 20" bowl & filter silver process of high pressure pump of required capacity, membrane, Rotameter, pressure meter, electric panel with M.S. Cabinet all necessary Electric & other connection required to commissioned the RO Plant which gives the required TDS complete with loading, unloading & Transportation, Installation including all taxes with one year warrantee and maintenance free.	2.000	Each

Item No.	Item Description	Qty	Unit
50	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	39.000	M2
51	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	1955.000	M2
52	Collection, and filling Black stone dust / Grit in foundation and trenches in a layer of av 20 cm including cost of Excavation ,Royalty, loading, unloading and transportation at the site of work.	699.000	M3
53	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the engineer-in- charge.(Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment). a) Overhead informatory road signage	9.600	M2
54	Providing and fixing signs board with a corrosion resistance 2mm thick aluminium alloy sheet with high intensity peismatic (HIP) grade retro reflectivesheet, including fixing on structure as directed including lettering overhead sign etc. complete all laboursand materials as directed by engineer-in-charge (excluding cost of frame work).	17.280	M2

Item No.	Item Description	Qty	Unit
55	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. A) On steel work	392.360	M2
56	Collection and spreading of manure (goat dropping & cow dung dried) free from foreign materials subject to the approval of Engineer-in-Charge including loading, unloading, transport & stacking at site of work.	15.720	M3
57	Collection and spreading of sweet earth including cost of excavation, royalty, loading, unloading, transport & stacking at site of work	314.380	M3
58	supplying and fixing (Planting) green trees in said position including digging the soil for planting and providing necessary support to plant and wattering the plant till the completion of work and ansure the survival of plant till than. a) Different type of Palm, Coconut of 5 to 6 foot height above Ground Level	53.000	Each
59	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	10000.000	M2
60	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres a) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design Mix.	10.000	M3
61	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.	90.000	M3

Item No.	Item Description	Qty	Unit
62	<p>Providing Furniture of various size and category like good quality office table as per requirement of various offices. The table shall be manufactured on site as per the requirement having one bigger drawer on both side of the table for storage of files and two smaller sliding drawer on both side of table (i.e. two bigger drawer and four smaller drawer in each table) and one sliding drawer for keeping key board at middle of table, all the drawer fixed with good quality telescopic channel, brass hinges, brass screw. Table shall be manufacture with good quality of 18 to 19 mm thick gurgan ply ISI marked with hard wood framing if required (only bottom of drawer should be made of 8 mm gurgan ply ISI marked) and all the area of table top, table bottom, table sides, inner and outer side of drawer, key board drawer etc should be finished with best quality of 1 mm thick laminate sunmica sheet, Computerized key & locks, handle and all other required fixtures complete as per the direction of Engineer-in-charge. (Note:- For payment purpose area of table top should be measured)</p>	92.840	M2
63	<p>Providing and fixing of cupboard / side rack 60 cm in depth & 75 cm in height made with 18 to 19 mm thick gurgan ply at top, side, back and bottom & two sliding shutter & two sliding shelves (only bottom of sliding shelves should be made from 8 mm thick gurgan ply remaining all is of 19 mm thick gurgan ply) all side , top, bottom inside and outside should be laminate with 1.0 mm thick sunmica sheet, Computerized key & locks, handle and all other required fixtures including cost of all the labour, materials, nails, fevicol, screws, taxes etc. complete as directed by Engineer-in-charge. (Note:- For payment purpose length of rack should be measured)</p>	91.000	M2

Item No.	Item Description	Qty	Unit
64	<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 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 5x10x0.50 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 131 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 : 12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095- Part I</p>	1234.000	M2
65	<p>Providing and fixing of furniture below kitchen platform including all the material, labour, complete as directed by Engineer-in-charge as below. (a) 4 to 8 shutters made of 19mm thick gurjan ply. (b) Autohinges. (C) Tandom box with all necessary fitting, fixture, accessories for compartment and drawer. (d) Closed shelves with drawers 19mm thick gurjan ply. (e) All the faces of Gurjan ply should be laminated with 1.00 mm thick Sunmica sheet. Note :- Plain surface area in elevation will be measured for payment purpose)</p>	13.000	M2

Item No.	Item Description	Qty	Unit
66	providing & fixing of Roller blinds curtains on the windows with all necessary fixtures and all its accessories as per requirement and of approved colour and make complete with all labour and material etc. as directed by engineer in charge. (Brand and type will be approved and as per direction of Engineer-in-charge.)	122.000	M2
67	providing & fixing of executive 360' revolving office chair with high back and ss body base with wheels & pneumatic up & down with one point locking mechanism + pu foam at seat and back ,fabric of make Godrej Interio, Neelkamal, Supreme, stylux. (Brand and type will be approved and as per direction of Engineer-in-charge.)	48.000	Each
68	providing & fixing of visitor office chair with low back and with broad armrest and brake casters of make Godrej interio, neelkamal, supreme stylux. (Brand and type will be approved and as per direction of Engineer-in-charge.)	167.000	Each
69	Providing and fixing 3 seater sofa dimension 1.83m(L)X 0.80M(D)X0.76M(H),Upholstered in fabric and should be in compliance with the following specifications.frame-seasoned solid wood with plywood boxing that undergoes a 3 -step treatment for protection against borers and is kiln-dried for moisture control.Seat, backrest and armrests - padded with polyurethane foam (density of 40) and upholstered and designed to combat sagging.The multi-density foam in the seat cushions to reduce sagging .A grid of polyfill pockets in the back cushions to prevent the cushions from weighing down because of gravity.base of seat and backrest equipped with metal Z-shape springs. Flammability - the flammability of the fabric should comply with BS 5952 Part 1 1979 Ignition Source O (Cigarette).	22.000	Mtr.
70	Providing & fixing of corner/center table as directed by engineer-in-charge a with following specifications. size 0.76 x0.60 or as directed, 19 mm thick gurjan double ply box framing + laminate c/u shape. (measured table top for payment purpose)	4.000	M2
71	Providing & fixing Dining table made of Pucca teak wooden legs of 75 X 75mm, Framing of pucca teak wood for tabble top of size 75 X 25mm size, 19mm thick gurjen ply top laminates with 1.00 mm thick sunmica sheet of approved colour at top, side and bottom and PU polishing legs and frame of table top etc complete with all labour and materials as directed by Engineer-in-charge.(measured table top for payment purpose).	11.000	M2

Item No.	Item Description	Qty	Unit
72	Providing and fixing conference table, should be in compliance with the following specifications to provide Long service life with less maintenance and Better quality.Shape - Boat shaped Tabletop - The power/data centre should be integrated into the tabletop, allowing it to close when not in use (i.e. with cover), for a clean appearance. Tabletop power/data centre(s) provides convenient access for individual users, technical presentations etc.Top finish – engineered wood / veneered or laminated (matt finish),Table edge - Bullnose Edge/ Bevel Edge/ Double Radius. The table should be provided with necessary first classss teak wood supports etc. (measured table top for payment purpose).	11.000	M2
73	providing & fixing of ceiling mounted projector (full hd) of EPSON EH-TW5650 MAKE or equivalent with its complete fixing accessories/cables etc. as directed by engineer-in-charge.	1.000	Each
74	providing & fixing of projector screen(3D WITH FULL HD) Of Elite make or equivalentas directed by engineer-in-charge and as per drawing.	1.000	Each
75	providing & fixing of 5.1 speaker system of JBL CINEMA 510 OR EQUIVALENT as directed by engineer-in-charge and as per drawing.	1.000	Each
76	providing & fixing of art effects ex. paintings,flower vase,wall pieces etc as directed by engineer-in-charge.	24.000	M2
77	Providing & fixing of S.S. Staircase Railing Of 304Q grade with all required accessories for fixing . The pipes should be of 10 gauge thickness.The main railing pipe of 32 mm square box at 900 mm to 1200 mm c/c , with top railing of 50 mm dia and three lower horizontal railing pipe of 15 to 25 mm dia as directed. The height of railing is about 1.00 mtrs. The railing is to be provided as approved by the Engineer In Charge. The work includes all labour ,materials & tools/Plants etc. a) Matt / Glossy finish S S Railing	20.000	Mtr.

Part B Electrical Work

Item No.	Item Description	Qty	Unit
1	Supply, Installation, Testing and commissioning of Distribution panel & Outdoor Feeder Panel for distribution of underground power supply as per technical specification No. 1. a) Main Distribution panel i) Supply	1.000	No.
(ii)	Installation, Testing and commissioing	1.000	No.
(b)	Outdoor Feeder panel i) Supply	2.000	No.
(ii)	Installation, Testing and commissioing	2.000	No.

Item No.	Item Description	Qty	Unit
2	Supply at site 4 Core, LT armoured aluminium conductor XLPE cable of 1.1kV grade of following type & size as per Technical Specification No. 2. a) 4 Core X 150 Sq.mm	500.000	Mtr.
(b)	4 Core X 35 Sq.mm	200.000	Mtr.
(e)	4 Core X 4 Sq.mm	250.000	Mtr.
3	Laying, Testing & Commissioning of LT XLPE cables of various sizes through following and as per Technical Specification No 3. Laying of Cable through RCC Cable Trench as per technical Specification No. 3(a).	300.000	Mtr.
(b)	Laying of Cable through exaction in all type of Soil as per technical specification No. 3(b).	250.000	Mtr.
(c)	Laying of cable on wall through saddles & clamps as per Technical Specification No. 3(c).	250.000	Mtr.
(d)	Laying of Cable through horizontal boring (6") in RCC Road /Rail/Jetty/RCC surface by providing HDPE pipe of suitable size as per technical Specification No. 3(d).	150.000	Mtr.
4	Providing & fixing following concealed wiring for single phase sub-circuit from the main switch / meter/ DBs / MCBs to the switch board with copper conductor of following sizes to be used as phase & neutral and bare copper wire as earthing as per Technical Specication No. 4. a)With 2 x 2.5 Sq.mm. copper conductor	4000.000	Mtr.
(b)	With 2 x 4.0 Sq.mm. copper conductor	1500.000	Mtr.
5	Providing and Fixing concealed wiring for modular light/tube/bell point with PVC insulated single core standard 1.5 Sq. mm. copper conductor wire as per Technical Specification No. 5.	415.000	No.
6	Providing and Fixing concealed wiring for modular Fan point with PVC insulated single core standard 1.5 Sq.mm. copper conductor wire & single/twin module step cut electronic fan regulator as case may be as per Technical Specification No. 6.	140.000	No.
7	Providing and fixing Surface wiring for Modular 5/6A X 250 Volt. and as per Technical Specification No. 7. a) Full plug point.	125.000	No.
(b)	Half Plug Point.	100.000	No.
8	Providing and fixing concealed wiring for 15/16A X250 Volt Modular power point as per Technical Specification No. 8.	60.000	No.
9	Providing and fixing concealed wiring for modular telephone/intercom point as per Technical Specification No. 9.	40.000	No.
10	Providing and fixing concealed wiring for 20A, Modular A.C point as per Technical Specification No. 10.	40.000	No.
11	Providing and fixing concealed wiring for 4 X 5/6A X 250 Volt modular plug point with 4 Nos. SP switches for computer as per Technical Specification No. 11.	25.000	No.

Item No.	Item Description	Qty	Unit
12	Supply, Installation, Testing & Commissioning of 4 Way TPN (8 + 12 Module) Double Door distribution board as per Technical specification No.12. i) Supply	10.000	No.
(ii)	Installation, Testing and commissioning	10.000	No.
13	Supply & Fixing of following type of MCCB, RCCB & MCBs as per Technical Specification No. 13. (a)6-32 A SP MCB with 10kA Breaking Capacity in 'C' Series (i) Supply	125.000	No.
(ii)	Fixing	125.000	No.
(b)	100 A 4-Pole MCB with 10kA Breaking Capacity in 'C' Series (i) Supply	12.000	No.
(ii)	Fixing	12.000	No.
(c)	4 Pole, 100 Amp. RCCB i) Supply	12.000	No.
(ii)	Fixing	12.000	No.
14	Supply & Fixing of 4ft, LED Tube white Light Fixture of 20-22 Watt with complete accessories as per Technical Specification No. 14. a) Supply	100.000	No.
(b)	Fixing	100.000	No.
15	Supply & Fixing of 18 Watt Sleek LED Down Light as per Technical Specification No. 15. i) Supply	200.000	No.
(ii)	Fixing	200.000	No.
16	Supply & Fixing of 1200mm sweep ceiling fan with all accessories as per Technical Specification No. 16. (i) Supply	150.000	No.
(ii)	Fixing	150.000	No.
17	Supply & Fixing of Exhaust Fan as per Technical Specification No. 17. (i) Supply	15.000	No.
(ii)	Fixing	15.000	No.
18	Supply & Installation of Street Light 140 watt warm white LED light along with connector, complete in all respect as per Technical Specification No. 18. a) Supply	15.000	No.
(b)	Installation	15.000	No.
19	Supply & Fixing of 10Watt LED bulk Head light fixture with all accessories as per Technical Specification No. 19. (a) Supply	20.000	No.
(b)	Fixing	20.000	No.

Item No.	Item Description	Qty	Unit
20	High Mast Design, Manufacturing, supply at site, of 20 Mtrs. height with raising and lowering arrangement head frame luminaries carriage suitable to instllation of 16 to 18 Nos luminaries of 250 watt. in symmetrical arrangement double drum winch and required accecerries like wire trailing cable connector integral power cable tool motor manual handle junction box ligtening wiring material power cable panel between panel and mast MCB in base compartment Cg mounting clamps and bolts etc. Also included foudation bolts special steel along with nuts washers anchor plate and template HIGH MAST 20MT 150/450 MM SECTION THIKNESS 3/4 MM PCD 590 MM (8 HOLE). This includes supply of fixing of 250 Watt white LED floodlight fittings on mast and as per Technical Specification No. 20.	2.000	No.
21	Preparation earthing station, chemical treated back filled compound earthing system with Pipe-In-Pipe 50 mm Dia GI type 2 Mtr Depth, Maintenance free. as per Technical Specification No. 21.	15.000	No.
22	Supply, Laying, connecting of GI Strips Connecting earth station to the equipmement as per Technical Specification No. 22. (a) 25x3mm thick (I) Supply	250.000	Mtr.
(II)	Laying, connecting	250.000	Mtr.
23	Providing & connecting following type earth wire for earth station to Main DB / Meter/SB as per requirement as per Technical Specification No. 23. (a) 8 SWG GI earthing wire.	1000.000	Mtr.
24	PCC Cable trench Cover including material & labour.	3.000	M3

Notes

Subwork Name	Description	Period of Completion	Scope of Subwork
PART - A CIVIL	CIVIL WORK	18.0	AS PER TENDER
PART - A Civil item 44 to 77	Civil Work	18.0	AS PER TENDER
Part B Electrical Work	Electrical Work	18.0	Electrical Work