

**WDFC FIELD UNIT-VADODARA-CIVIL/WDFC  
TENDER DOCUMENT**

**Tender No:** BRC-EN-TEN-UDNN-24-25204R

**Closing Date/Time:** 31/10/2024 15:00

**GM/Co/BRC** acting for and on behalf of The President of India invites E-Tenders against Tender No **BRC-EN-TEN-UDNN-24-25204R** Closing Date/Time 31/10/2024 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	Construction of CGM Office Building at New Udhana: Facade and finishing work, Campus development work, Interior works including associated Electrical and Telecommunication works.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	31/10/2024 15:00	<b>Date Time Of Uploading Tender</b>	09/10/2024 20:52
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	38247759.01	<b>Tendering Section</b>	CIVIL
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	341200.00	<b>Validity of Offer ( Days)</b>	90
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	6 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	17/10/2024	<b>Are Joint Venture (JV) firms allowed to bid</b>	Yes
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 1-Schedule 'A'</b>							4495664.74	Above/ Below/Par
1	Please see Item Breakup for details.				5994219.65	(-) 25.00	4495664.74	
	<b>Description:-</b> Schedule 'A' Civil Works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 2-Schedule A</b>							68871.19	Above/ Below/Par
2	Please see Item Breakup for details.				91828.25	(-) 25.00	68871.19	
	<b>Description:-</b> Horticulture DSR 2020							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 3-Schedule B</b>							17787415.58	Above/ Below/Par
3	Please see Item Breakup for details.				17787415.58	AT Par	17787415.58	
	<b>Description:-</b> Schedule 'B' NS Items Civil Works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 4-Schedule C</b>							11393269.13	Above/ Below/Par
4	Please see Item Breakup for details.				11393269.13	AT Par	11393269.13	
	<b>Description:-</b> Schedule C NS Items Electrical Works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 5-Schedule D</b>							4502538.37	Above/ Below/Par

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4	Please see Item Breakup for details.	4502538.37	AT Par	4502538.37
<b>Description:-</b> Schedule D NS items Telecom Works				

**3. ITEM BREAKUP**

Schedule	Schedule 1-Schedule 'A'					
Item- 1	Schedule 'A' Civil Works					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	4.0	CONCRETE WORK				
	4.15	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
1	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	3	7365.15	22095.45
	6.0	MASONRY WORK				
	6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:				
2	6.2.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	6	5746.8	34480.8
	8.0	CLADDING WORK				
	8.2	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 of edges to give high gloss finish etc. complete at all levels.				
	8.2.2	Granite stone slab of colour black, Cherry/Ruby red				
3	8.2.2.2	Area of slab over 0.50 sqm	Sqm	61	4425.35	269946.35
	8.3	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.				
4	8.3.2	Granite work	Metre	155	418.85	64921.75
5	8.5	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	13	808.15	10505.95
	11.0	FLOORING				
	11.21	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge.				

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	11.21.2	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
6	11.21.2.1	Acid and alkali resistant tile	Sqm	235	1637.7	384859.5
	11.41S	VITRIFIED FLOOR TILES				
	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
7	11.41A.3.2	Size of Tile 600 x 1200 mm	Sqm	890	1612.75	1435347.5
	11.51	Providing and laying machine cut, mirror polished, Italian Marble stone flooring laid in required pattern in linear portion of the building all complete as per architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
8	11.51.1	18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	Sqm	43	6095.5	262106.5
	11.52	Providing and laying machine cut, mirror polished Marble stone flooring, in required design (Simple geometrical, abstract etc.) and in patterns in combination with Italian marble stones of different colours, shades and finished surface texture etc., in linear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm, including pointing with white cement slurry admixed with pigment to match the marble shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
9	11.52.1	18 mm thick Italian Marble stone slab, Perlato, Rosso verona, Fire Red or Dark Emperadore etc.	Sqm	5	6389.4	31947

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10	11.53	Providing and fixing Glass mosaic tiles on finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design , fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge:	Sqm	13	3282.5	42672.5
	11.55	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :				
11	11.55.1	Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	Sqm	138	2589.9	357406.2
	12.0	<b>ROOFING</b>				
	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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.				

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	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	12.45.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	Sqm	707	1145.95	810186.65
	13.0	<b>FINISHING</b>				
	13.1S	<b>CEMENT PLASTER (IN FINE SAND)</b>				
	13.1	12 mm cement plaster of mix :				
13	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	36	294.85	10614.6
	13.44S	<b>EXTERIOR FINISHING</b>				
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
14	13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	943	162.35	153096.05

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	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
15	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	Sqm	280	140.05	39214
16	13.78	Providing and applying 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/ perlite respectively conforming to IS: 2547 (Part - I & II) 1976, applied on hacked / uneven background such as bare brick/ block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. complete	Sqm	584	363.45	212254.8
17	13.80	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.	Sqm	1489	123.85	184412.65
	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
18	13.83.2	Two coats	Sqm	1489	121.55	180987.95
	13.85	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content.				
19	13.85.3	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	1489	64.45	95966.05
	16.0	<b>ROAD WORK</b>				
	16.49S	<b>MISCELLANEOUS</b>				
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
20	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	726	1011.2	734131.2
	17.0	<b>SANITARY INSTALLATIONS</b>				

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	17.10	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 :				
	17.10.1	Kitchen sink with drain board				
21	17.10.1.3	510x1040 mm bowl depth 200 mm	Each	2	6276	12552
22	17.22A	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	11	886.25	9748.75
23	17.80	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Each	11	7004.45	77048.95
	18.0	<b>WATER SUPPLY</b>				
	18.75	<b>C.P.V.C. PIPES</b>				
	18.8	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 wall etc.				
24	18.8.2	20 mm nominal dia Pipes	Metre	230	513.75	118162.5
25	18.8.3	25 mm nominal dia Pipes	Metre	250	626.05	156512.5
26	18.8.4	32 mm nominal dia Pipes	Metre	350	712.75	249462.5
	22.0	<b>WATER PROOFING</b>				
27	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.	Sqm	65	516.6	33579
					<b>Total</b>	<b>5994219.65</b>
<b>Schedule</b>	Schedule 2-Schedule A					
<b>Item- 2</b>	Horticulture DSR 2020					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
	2.0	<b>HORTICULTURE AND LANDSCAPING</b>				

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1	2.1	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or / and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	cum	350	78.1	27335
	2.10	Grassing with selection No . 1 / Doob g r a s s including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately).				
2	2.10.2	With grass Turf	Sqm	600	13.3	7980
	3.0	<b>FOLIAGE AND SHADE LOVING PLANTS</b>				
3	3.1	Providing and displaying of Aglaonema Butterfly having ht.30 cm 10 to 12 fresh, healthy and attractive colorful leaves, well developed in 25 cm size Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	10	184.5	1845
4	3.18	Providing and displaying of Areca Palm having ht. 90 cm to 1.20 m with 4 to 5 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & a s per direction of the officer-in-charge.	Each	20	157.85	3157
5	3.20	Providing and displaying of Areca palm having ht. 1.50 m to 1.80 m with 6 to 8 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & a s per direction of the officer-in-charge.	Each	25	193.75	4843.75
6	3.23	Providing and displaying of Brassia Variegated having ht. 30 cm, well developed with fresh and healthy foliage in 20 cm size of Earthen pot/ Plastic pot & as per direction of the officer-in-charge.	Each	20	75.85	1517
7	3.27	Providing and displaying of Croton Challenger variety having ht. 30cm and above, well developed with full of fresh and healthy leaves in 20 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	25	45.1	1127.5
8	3.28	Providing and displaying of Croton baby golden variety having ht.30 cm and above, well developed with full of fresh and healthy leaves in 20 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	25	41	1025
9	3.30	Providing and displaying of Croton Golden having ht. 45 cm to 60 cm with 2 to 3 branches, well developed, fresh and healthy foliage in 25 cm size of Earthen pot/Plastic pot as per direction of the officer-in-charge.	Each	25	56.4	1410



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10	3.34	Providing and displaying of Croton Duck foot (Elite) having ht. 45 cm and above with 3 to 4 branches, well developed, fresh and healthy leaves in 25 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	Each	25	112.75	2818.75
11	3.37	Providing and displaying of Croton Petra having ht. 45 cm & above with 2 to 3 branches, well developed, fresh and healthy leaves in 25 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	Each	25	123	3075
12	3.43	Providing and Displaying of Dieffenbachia superba, well developed, with 10-12 fresh, healthy and attractive leaves 45 cm to 60 cm ht. in 25 cm size Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	25	164	4100
13	3.44	Providing and displaying of Dracaena Song of India (three in one), having ht. 30 cm and above, multibranched, well developed with fresh and healthy leaves in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	25	112.75	2818.75
14	3.56	Providing and displaying of Livistona palm having ht. 30 cm to 45 cm, well developed with 5 to 6 leaves, fresh & healthy foliage in 25 cm size of Earthen pot/Plastic pot as per direction of the officer-in-charge.	Each	5	86.1	430.5
	7.0	<b>TREE PLANTS</b>				
15	7.5	Providing and stacking of Azadirachta indica (Neem) of height 120-130cm in big polybag of size 25 cm as per direction of the officer-in-charge.	Each	30	65	1950
16	7.7	Providing and stacking of Bauhinia blakeana (Kachnar) of height 120-150 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	10	80	800
17	7.9	Providing and stacking of Bombax ceiba of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	10	70	700
18	7.13	Providing and stacking of Butea frondosa (Flame of Forest) of height 60-75 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	2	55	110
19	7.23	Providing and stacking of Dalbergia sissoo (Seasam) of height 120-135 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	15	55	825
20	7.24	Providing and stacking of Delonix regia (Gulmohar) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	20	60	1200
21	7.36	Providing and stacking of Ficus religiosa (Peepal) of height 150-165 cm. in big poly bags of size 30 cm as per direction of the officer-in-charge.	Each	2	65	130
22	7.53	Providing and stacking of Mangifera indica (Mango-grafted) of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	Each	5	55	275

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23	7.60	Providing and stacking of Nauclea cadamba (Kadam) of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	Each	2	65	130
24	7.64	Providing and stacking of Phyllanthus emblica (Amla) of height 150-165 cm. in Big HDPE Bag as per direction of the officer-in-charge.	Each	5	90	450
25	7.75	Providing and stacking of Polyalthia longifolia (Ashok) of height 180-195 cm. in gunny bag of size 30 cm as per direction of the officer-in-charge.	Each	15	100	1500
26	7.78	Providing and stacking of Pterospermum acerifolium (Kanak Champa) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	20	65	1300
27	7.83	Providing and stacking of Eugenia jambolana (Jamun) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	Each	15	75	1125
	8.0	<b>SHRUBS</b>				
28	8.1	Providing and stacking of Bauhinia acuminata height 60-75 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	Each	20	45	900
29	8.13	Providing and stacking of Cestrum nocturnum (Raat ki Rani) of height 60-75 cm. with 4-5 branches in bag of size 25 cm as per direction of the officer-in-charge.	Each	10	40	400
30	8.23	Providing and stacking of Ficus blackii (F.vivion) (bushy) of height 150-165 cm. with 8-10 branches and healthy foliage in earthen pots of size 30 cm as per direction of the officer-in-charge.	Each	10	250	2500
31	8.28	Providing and stacking of Ficus panda of height 90-105 cm. with 10-12 branches and healthy foliage, well formed in cement pots of size 30 cm as per direction of the officer-in-charge.	Each	10	225	2250
32	8.37	Providing and stacking of Hibiscus rosasinensis of height 90-105 cm., bushy in big size HDPE bag as per direction of the officer-in-charge.	Each	15	90	1350
33	8.50	Providing and stacking of Nerium oleander (kaner) of height 60-75 cm. with 5-6 branches in poly bags of size 25 cm as per direction of the officer-in-charge.	Each	50	40	2000
34	8.53	Providing and stacking of Nerium oleander variegated of height 60-75 cm., multibranched in earthen pots of size 25 cm as per direction of the officer-in-charge.	Each	25	60	1500
35	8.60	Providing and stacking of Tabernaemontana coronaria (Chandni single) of height 90-105 cm., bushy in big size HDPE bag as per direction of the officer-in-charge.	Each	15	80	1200
36	8.74	Providing and stacking of Thevetia nerifolia of height 60-75 cm. with 5-6 branches in poly bags of size 25 cm as per direction of the officer-in-charge.	Each	25	45	1125

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37	8.76	Providing and stacking of Thuja compacta of height 75-90 cm., conical shaped, well formed with healthy foliage in earthen pots of size 30 cm as per direction of the officer-in-charge.	Each	25	130	3250
	9.0	<b>CREEPER PLANTS</b>				
38	9.8	Providing and stacking of Jasmine grandiflorum (chameli) of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge. .	Each	25	30	750
39	9.14	Providing and stacking of Vernonia elaeagnifolia (curtain creeper) plant of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	Each	25	25	625
					<b>Total</b>	<b>91828.25</b>
<b>Schedule</b>	Schedule 3-Schedule B					
<b>Item- 3</b>	Schedule 'B' NS Items Civil Works					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	1	Groove Providing & making groove between false ceiling & wall of size 6 mm X 6 mm. Rates includes all materials required for finishing of groove such as jointing compound, fibre/paper tape & dry wall screws, labour, tools, Tackles, Protection, machinery, Lead, lift, equipment etc.	RM	175.00	29.50	5162.50
2	2	WALL DADO (Double Heighted Feature wall) (Travertine Italian Stone) Refer Drawing No.CPM_ID_WD_21 Providing and fixing machine cut, mirror polished Marble stone for wall lining, in required design (Simple geometrical, abstract etc.) and in patterns in combination with Italian marble stones of different colours, shades and finished surface texture etc., on walls/Partition, all complete as per the architectural drawings, with 18 mm thick stone slab fixed with cement based high polymer modified quick set stone adhesive including Grouting the joints using italian stone adhesive grout mix, including filling / grouting and finishing to match the marble shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.	Sqm	157.00	7080.00	1111560.00
3	3	URNIAL STONE PARTITION (Granite stone) Refer Drawing No.CPM_ID_WD_14 Providing and fixing stone slab as per design shape with table rubbed , edges rounded (moulding polish) and both side mirror polished, of size 1200 X 400 mm deep and 18 mm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.	Each	2.00	2950.00	5900.00

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4	4	WOODEN PARTITIONS Providing and fixing frame work for partitions made of 12 mm thick marine plywood conforming to IS: 710 on both sides, with framing of 60X40mm hollow aluminium box section, placed along the walls, ceiling floor and free standing in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary fixing at junctions and fixing the frame to wall/ ceiling/ floors with required screw, including making provision for opening of doors, windows, electrical conduits, switch boards etc., including fixing of two side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fibre/paper tape & screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge.	Sqm	309.00	8850.00	2734650.00
5	5	WOODEN PARTITION DOORS Providing and fixing ISI marked 35 mm thick flush door shutters conforming to IS: 2202(Part I) decorative type, core of block board construction with frame of Second class teakwood (150 mm x 65mm) and well matched commercial 3 ply veneering with vertical grains or cross bands and decorative face veneers on both faces of shutters with two side decorative type veneering , liping, cutting rebate, 35mm thick satainless steel butt hinges with necessary screws and bright finished brass tower bolts etc. complete.Including bright finished brass door latch with necessary screws, bright finished brass handles with screws, bright finished door closer with necessary screws, brass morties lock, with edge biding etc.including fixing of two side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fibre/paper tape & screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge. If required providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured)	Numbers	12.00	15930.00	191160.00
6	6	WOODEN PANELING Providing and fixing 12 mm thick marine plywood conforming to IS: 710 along the walls, columns and beams including making provision for electrical conduits, switch boards etc., including fixing of laminate of 1mm thickness, including all materials required for finishing such as adhesive, fibre/paper tape & screws, labour, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge.	Sqm	313.00	5192.00	1625096.00

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7	7	GLASS PARTITONS Thin Profile Glass Partition: Providing & Fixing of Single glazed modular system consist of Aluminium section of 40x16 MM. All sections duly Powdercoated with 6063-T6 grade and required accessories i.e glass to glass aluminium l sections, T section & 90 degree sections & Glass packing to adjust the floor level. Ceiling profile, Floor profile and wallprofile are 16 mm visible face and 40 mm wide with 10mm toughen glass as per approved make & insertion of Thermoplastic gasket to adhere the glass firm & airtight.The sound reduction Value is from 32 to 35 Db. Accessories/Hardware: neutral cure glazed & metal silicon sealant of approved make on the periphery of the glass & wood etc. Partition height will be measured from finish floor to given partition level only. Work complete including all type of material, fittings, fixtures, Finish, loading, unloading, Transporation, all leads, accessories, safety measures, sample mockup, all floor, all levels, all heights etc complete as pre detailed drawings, specifications & instruction of architect.	Sqm	75.00	7080.00	531000.00
8	8	GLASS DOORS (SINGLE) Single Leaf Glass Door: Supply & Installation of Modular Aluminum Glass door frame of equivalent make 40mm System, Using 40mm x16mm for Glass door frame Doorframe Dimension - 40mm x 16mm. Finish -Powder coating as per approved sample by Architect .10mm thk. clearthoughened Glass. Floor spring, H type handle of 900mm height, Profile Door Lock , Doorstopper etc complete. All Accessories will be the same colour as Profile Section. Work complete including all type of material, fittings, fixtures, Finish, loading, unloading, Transporation, all leads, accessories, sample mockup, all floor, all levels, all heights, necessary frame work, Scaffolding , safety measures etc complete as per detailed drawings, specifications & instruction of architect.	Numbers	15.00	35400.00	531000.00
9	9	GLASS DOORS (DOUBLE) Double Glass Door: Supply & Installation of Modular Aluminum Glass door frame of equivalent make 40mm System, Using 40mm x16mm for Glass door frame Doorframe Dimension - 40mm x 16mm. Finish -Powder coating as per approved sample by Architect .10mm thk. clearthoughened Glass. Floor spring, H type handle of 900mm height, Bottom Lock , Doorstopper etc complete. All Accessories will be the same colour as Profile Section. Work complete including all type of material, fittings, fixtures, Finish, loading, unloading, Transporation, all leads, accessories, sample mockup, all floor, all levels, all heights, necessary frame work, Scaffolding , safety measures etc complete as per detailed drawings ,specifications & instruction of architect.	Numbers	6.00	41300.00	247800.00

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10	10	<p>WOODEN DOOR WITH WOODEN FRAME                      Providing and fixing ISI marked 35 mm thick flush door shutters conforming to IS: 2202(Part I) decorative type, core of block board construction with frame of Second class teakwood (150 mm x 65mm) and well matched commercial 3 ply veneering with vertical grains or cross bands and decorative face veneers on both faces of shutters with two side decorative type veneering , liping, cutting rebate, 35mm thick stainless steel butt hinges with necessary screws and bright finished brass tower bolts etc. complete. Including bright finished brass door latch with necessary screws, bright finished brass handles with screws, bright finished door closer with necessary screws, brass morties lock, with edge biding etc. Including fixing of two side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fibre/paper tape &amp; screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge. If required providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured)                      A)3 FT X 8 FT DOORS</p>	Each	5.00	24780.00	123900.00
11	11	<p>WOODEN DOOR WITH WOODEN FRAME                      Providing and fixing ISI marked 35 mm thick flush door shutters conforming to IS: 2202(Part I) decorative type, core of block board construction with frame of Second class teakwood (150 mm x 65mm) and well matched commercial 3 ply veneering with vertical grains or cross bands and decorative face veneers on both faces of shutters with two side decorative type veneering , liping, cutting rebate, 35mm thick stainless steel butt hinges with necessary screws and bright finished brass tower bolts etc. complete. Including bright finished brass door latch with necessary screws, bright finished brass handles with screws, bright finished door closer with necessary screws, brass morties lock, with edge biding etc. Including fixing of two side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fibre/paper tape &amp; screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge. If required providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass xcluded) (overall area of door shutter to be measured)                      B)2.5 FT X 8 FT DOORS</p>	Each	17.00	22420.00	381140.00

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12	12	WOODEN DOOR IN STONE FRAME (ALL TOILETS) Providing and fixing ISI marked 35 mm thick flush door shutters conforming to IS: 2202(Part I) decorative type, core of block board construction with well matched commercial 3 ply veneering with vertical grains or cross bands and decorative face veneers on both faces of shutters with two side decorative type veneering , liping, cutting rebate, 35mm thick stainless steel butt hinges with necessary screws and bright finished brass tower bolts etc. complete. Including bright finished brass door latch with necessary screws, bright finished brass handles with screws, with necessary screws, brass morties lock, with edge biding etc. Including fixing of two side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fiber/paper tape & screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge. If required providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall dimension of door shutter to be measured) (STONE IS NOT INCLUDED IN THE GIVEN RATES) A)3 FT X 8 FT DOORS	Each	4.00	15930.00	63720.00
13	13	WOODEN DOOR IN STONE FRAME (ALL TOILETS) Providing and fixing ISI marked 35 mm thick flush door shutters conforming to IS: 2202(Part I) decorative type, core of block board construction with well matched commercial 3 ply veneering with vertical grains or cross bands and decorative face veneers on both faces of shutters with two side decorative type veneering , liping, cutting rebate, 35mm thick stainless steel butt hinges with necessary screws and bright finished brass tower bolts etc. complete. Including bright finished brass door latch with necessary screws, bright finished brass handles with screws, with necessary screws, brass morties lock, with edge biding etc. including fixing of two side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fibre/paper tape & screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge. If required providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall dimension of door shutter to be measured) (STONE IS NOT INCLUDED IN THE GIVEN RATES) B)2.5 FT X 8 FT DOORS	Each	1.00	13570.00	13570.00

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14	14	CEILING (WOODEN CEILING) Providing and fixing wooden ceiling made of 12 mm thick marine plywood conforming to IS: 710 , with framing of 60X40mm hollow aluminum box section, placed along ceiling in a grid pattern with spacing @ 60 cm centre to centre both ways or at required spacing near fixing the frame to wall/ ceiling with required screw, including making provision for opening of electrical conduits, including fixing of one side laminate of 1mm thickness, including all materials required for finishing such as adhesive, fiber/paper tape & screws, labor, tools, Protection, machinery, equipment etc. complete, all as per direction of Engineer-in-charge.	Sqm	40.00	3540.00	141600.00
15	15	CEILING (STRETCH CEILING) Providing and fixing 1mm Stretch Ceiling, nonflammable sheet B S1-d0, B S2-d0 or B S3-d0 (depending on the finish) made of vinyl including metal support with wooden support as required. For Stretch ceiling, perimeter track of metal support is first fixed around the room's edges, then the membrane is heated to make it pliable and stretched tightly across the space, clipping into the track to hold it in place.	Sqm	6.00	6729.54	40377.24
16	16	CEILING (BAFFLE CEILING) (HUNTER DOUGLAS) Providing & fixing of Luxalon U Baffle Ceiling System manufactured by M/s. Hunter Douglas India Pvt. Ltd., comprising of baffle width of 25mm and height of 100mm manufactured out of Extruded Aluminum 1.1 mm thick Coil Coated Aluminum of alloy in White - RAL 9010 in the module of 150mm C/C distance between baffles The U Baffle ceiling panels shall be mounted to a pre-galvanized Steel L shaped carrier with slotted holes as per the module . The slotted carrier shall be painted with black colour. The Baffle panel shall be mounted at 150mm c/c module using fastneres. The length of the panel not to exceed 6000 mm. The U Baffle panels shall be manufactured by cold rolled forming by using high speed pressure on baffle roll forming machine. The U Baffle metal panel shall be coated in approved colour. CEILING FINISH ABOVE U BAFFLE CEILING: Ceiling area above U Baffle to be painted in black colour before fixing this system (Not in the scope of Hunter Douglas). Mode of Measurements: Measurements shall be wall to wall without any deductions for lights, diffusers, columns etc.	Sqm	136.00	7986.24	1086128.64
17	17	W.C. Providing and fixing white vitreous china extended wall mounting water closet (CNS-WHT-961SPP OR EQUIVALENT) of size 365x545x360 mm of approved shape including fixing of chair bracket with cement & including seat cover, and nuts, bolts and gasket etc complete.	Each	11.00	6844.00	75284.00



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18	18	W.C. FLUSH TANK Supplying, Installation, Testing and Commissioning of Single piece slim concealed cistern body with installation kit & "S-type" (JCS-WHT-2400S OR EQUIVALENT), drainpipe connection set for wall hung wc , with making of ledge wall and plaster, nuts, bolts and gasket etc. complete including cutting and making good the wall wherever required.	Each	11.00	2950.00	32450.00
19	19	W.C. FLUSH TANK PLATE Supplying, Installation, Testing and Commissioning of Control plate for concealed cistern (JCP-CHR-352415 or equivalent) including cutting and making good the wall wherever required.	Each	11.00	1180.00	12980.00
20	20	2 WAY BIB COCK Providing, Fixing testing and commissioning of 15mm dia C.P. brass 2 way bib cock (ARI-CHR-39041 or equivalent) with C.P. wall flange of approved quality and making good.	Each	11.00	2360.00	25960.00
21	21	HEALTH FAUCET Providing and fixing C.P. brass health faucet(ALD-CHR-573 or equivalent) with 8mm dia 1m long PVC tube and wall hook complete in all respects. All complete as directed by Engineer-in-charge.	Each	11.00	2773.00	30503.00
22	22	BASIN Supply & Fixing of Counter top basin (CNS-WHT-903 or equivalent) of size 425x340x175 mm Including of required plumbing Accessories and Consumable Item complete as directed by architect or engineer in charge.	Each	4.00	4720.00	18880.00
23	23	BASIN Supply & Fixing of Counter top basin (JDR-WHT-25907N or equivalent) of size 530x420x140 mm Including of required plumbing Accessories i.e. waste coupling 32 mm (ALE-CHR-544NFT or equivalent) and Consumable Item complete as directed by architect or engineer in charge	Each	7.00	9440.00	66080.00
24	24	SINGLE LEVER WALL MIXTURE Providing and fixing wall mounting single concealed stop cock (ARI-CHR-39441K or equivalent) with operating leaver, basin spout and wall flenge with concealed part (ALD-CHR-441 or equivalent).	Each	11.00	5310.00	58410.00
25	25	DIVERTER Providing and fixing exposed and concealed parts kit of high flow diverter (KUP-CHR-35079NKPM or equivalent) consisting of operating leaver cartridge sleeve wall flange with seals button assembly sleeve and button compatibility with with concealed part (ALD-CHR-079N or equivalent) .	Each	2.00	8850.00	17700.00
26	26	BATH SPOUT Providing and fixing bath spout (SPJ-CHR-35429PM or equivalent)	Each	2.00	2360.00	4720.00
27	27	SHOWER Providing and fixing overhead shower 150X150 mm (OHS-CHR-35495 or equivalent) Square shaped single flow with wall mounted shower flange 400X25X25 mm (SHA-CHR-455L400 or equivalent).	Each	2.00	2950.00	5900.00

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28	28	ANGLE VALVE Providing and fixing of Regulating Angle valve (AQT-CHR-3057 or equivalent) with Comfort handle, with extended push rod, push rosette Dia 54 mm ; Material - Brass DIN EN/Noise Class I; Connection: 1/2"/DN 15, Outlet 1/2"/DN 15; Chrome/Weight 0.130 KG per piece.	Each	8.00	944.00	7552.00
29	29	KITCHEN SINK SWARN NECK TAP Providing and fixing Wall mounted regular kitchen sink tap (FLR-5347N).	Each	2.00	2832.00	5664.00
30	30	PROVIDING & LAYING & FIXING OF 150 mm dia PVC PIPE Providing fixing, testing and commissioning in position SWR PVC PIPE TYPE-B(6Kg/cm2.) self fit pipe conforming to IS:13592 including all fittings such as bends, junctions, inspection doors, offests, cowl, access pieces/plugs etc. jointing with PVC Adhesive joints including cutting holes in walls and making good the same. (INSIDE TOILET+ VERTICAL DROPS ) (Supreme/ Finolex/Astral Makes)	RM	66.00	826.00	54516.00
31	31	PROVIDING & LAYING & FIXING OF 110 mm dia PVC PIPE Providing fixing, testing and commissioning in position SWR PVC PIPE TYPE-B(6Kg/cm2.) self fit pipe conforming to IS:13592 including all fittings such as bends, junctions, inspection doors, offests, cowl, access pieces/plugs etc. jointing with PVC Adhesive joints including cutting holes in walls and making good the same. (INSIDE TOILET+ VERTICAL DROPS ) (Supreme/ Finolex/Astral Makes)	RM	66.00	737.50	48675.00
32	32	PROVIDING & LAYING & FIXING OF 75 mm dia PVC PIPE Providing fixing, testing and commissioning in position SWR PVC PIPE TYPE-B(6Kg/cm2.) self fit pipe conforming to IS:13592 including all fittings such as bends, junctions, inspection doors, offests, cowl, access pieces/plugs etc. jointing with PVC Adhesive joints including cutting holes in walls and making good the same. (INSIDE TOILET+ VERTICAL DROPS ) (Supreme/ Finolex/Astral Makes)	RM	44.00	472.00	20768.00
33	33	PROVIDING & LAYING & FIXING OF 50 mm dia PVC PIPE Providing fixing, testing and commissioning in position SWR PVC PIPE TYPE-B(6Kg/cm2.) self fit pipe conforming to IS:13592 including all fittings such as bends, junctions, inspection doors, offests, cowl, access pieces/plugs etc. jointing with PVC Adhesive joints including cutting holes in walls and making good the same. (INSIDE TOILET+ VERTICAL DROPS ) (Supreme/ Finolex/Astral Makes)	RM	66.00	177.00	11682.00
34	34	Nanhi Trap Providing and fixing Nanhi Trap of required size, as approved by Engineer InCharge required as per size	Each	20.00	295.00	5900.00

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35	35	ROLLER BLINDS Providing and fixing of Roller Blinds consists of 50mm OD extruded out of Aluminum alloy 6063 T6 with silver anodized to provide an everlasting finish and luster, the rotary unit shall be 36mm, OD Bottom rail should be powder coated Aluminum flat bottom rail of 290 gm to finish it from the ends it should have rail end caps. The return end cap bracket shall incorporate snap spring design to facilitate easy installation and removal for maintenance activities. The bracket shall be finished with a white color on each side providing an aesthetic finish. It should handle up to 5 Kgs of material. Fabric Specification 3% (Mario): Mario Fabric made up of 24% Polyester and 76% PVC coated 110tex Tilter Basket weave of thickness 0.56mm ±5% (ISO 2286-3) and weighing 485gsm±5%(ISO 2286-2)with openness factor of 3% .UV Screen Up to 97% ,The tear resistance (Warp: >_120N &Weft: >120N) As per ISO 4674, and Fire, Smoke classification FR (US) - NFPA 701 TM#1 &BS (GB) - 5867 Part2 TypeB & B1(CN) GB50222. Break Resistance ( Warp: >1600N/5cm & Weft: >1800N/5cm As per (ISO 13934-1) Bacterial & Fungal Resistance ASTM G21-09, ASTM E 2180-07 Reduce more than 99.9% of bacteria. Greenguard GOLD, EN71 Part 3:1994. Color fastness Grade 6 ISO105 B02:2014 > 4.0 AATCC TM 16.3-2014;Option 3; Xenon Arc Lamp, Health/Safety-Oekotex Standard 100 Class IV certification.	Sqm	310.00	1303.90	404209.00
36	36	METAL RAILING Refer DrawingNo. (CPM_ID_WD_10) Providing and fixing metal hand rail made of MS section 50X25x3mm with baluster of ms plate 40X8mm, on top 60X40 Teak wood hand rail with malamine polish and required treatment.	RM	26.00	3540.00	92040.00
37	37	COMPACTORS STORAGE SYSTEM Refer Drawing No.(CPM_ID_WD_31) Providing & placing in position Compactors MOB STRG SINGLE FACED MOBILE UNIT MOBILE STORAGE SYSTEM (COMPACTORS) 5 BAY Mobile Storage System as per Std. Manufacture With flooring Height 2120 MM x 2440 MM Wide . The system cabinet will have 8 adjustable shelves making 5 compartments.(Box File Capacity)	Each	2.00	371770.80	743541.60
38	38	RECEPTION TABLE 2100X600X1050MM Refer DrawingNo.(CPM_ID_WD_21) Providing & placing in position 25mm Thick laminate finish table top heighted modesty panel with flexi ply and P.U finish. Hand Rest in laminated finish with metal plate powder coated THICK LAMINATE FINISH TABLE TOP HEIGHTED MODESTY PANEL WITH FLEXI PLY & P.U FINISH HAND REST PANEL IN LAMINATE FINISH WITH METAL PLATE WITH POWDER COATING	Each	1.00	68440.00	68440.00

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39	39	B.O OFFICE + P.S OFFICE TABLE WITH SIDE CREDENZA 2025X750X750MM 25MM THICK LAMINATE FINISH TABLE TOP WITH ALL SIDE 2MM EDEGBAND SIDE PANEL IN LAMINATE FINISH & ONE SIDE RESTED ON SIDE CREDENZA WITH 1 NOS OF FLAP UP BOX 18MM THICK LAMINATE FINISH MODESTY PANEL SIDE CREDENZA 1500X450X675MM 18MM THICK LAMINATE FINISH CARCASS 3 DRAWERS WITH TELESCOPIC SLIDES AN OPENABLE SHUTTERS WITH SOFT CLOSING HINGES OPEN SPACE FOR CPU	Each	8.00	73160.00	585280.00
40	40	B.O OFFICE (1,2)+ ASS. OFFICE(1,2,3) ( FIRST FLOOR) BACK CREDENZA 3000X400X675MM Refer DrawingNo. (CPM_ID_WD_23) 18MM THICK LAMINATE FINISH CARCASS ALL DRAWERS WITH TELESCOPIC SLIDES AN OPENABLE SHUTTERS WITH SOFT CLOSING HINGES	Each	5.00	52545.40	262727.00
41	41	PASSAGE CONSOLE 1650X475X750 CONSOLE IN 18MM THICK LAMINATE FINISH CARCASS WITH OPENABLE SHUTTERS WITH SOFT CLOSING HINGES WITH SHELVES	Each	2.00	29500.00	59000.00
42	42	CONFERENCE ROOM_TV UNIT 4500X400X425 Refer Drawing No. (CPM_ID_WD_25) 18MM THICK LAMINATE FINISH CARCASS WALL HANG UNIT SHUTTERS WITH SOFT CLOSING HINGES FACIA IN LAMINATE FINISH WOODEN LAMINATE FINISH WALL PANELLING ABOVE & BELOW THE UNIT WALL PANELLING AROUND THE TV UNIT IN LAMINATE FINISH METAL OPEN NICHE WITH POWDER COATING	Each	1.00	59000.00	59000.00
43	43	CONFERENCE TABLE Refer DrawingNo. (CPM_ID_WD_25) 25MM THICK LAMINATE FINISH TABLE TOP WITH ALL SIDE 2MM EDEGBAND TABLE TOP IN 2 COLOR LAMINATE WITH 2 NOS OF SLIM FLAP UP BOX BASE IN PLY WITH WOODEN BEADINGS ( 1" HALF ROUND ) WITH POLISH	Each	1.00	117410.00	117410.00
44	44	CGM CHAMBER_MAIN TABLE 3000X900X750MM Refer DrawingNo. (CPM_ID_WD_26) MAIN TABLE WITH PEDESTAL 18MM THICK LAMINATE FINISH TABLE TOP WITH 6MM PACKING PLY & TOP IN STONE SIDE PANEL IN P.U FINISH AS PER DRAWING & ONE SIDE RESTED ON SIDE CREDENZA MODESTY PANEL IN LAMINATE FINISH WITH FRONT FLUTED BPG GLASS ( 2 FT HT ) PEDESTAL UNIT ( 450MM WIDTH ) WITH 3 DRAWER WITH TELESCOPIC SLIDES IN P.U FINISH CARCASS & FACIA TOP TILE 15MM TH PROVIDING & FIXING AS per selection	Each	1.00	88500.00	88500.00

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45	45	CGM CHAMBER_SIDE CREDENZA 1650X400X675MM Refer Drawing No. (CPM_ID_WD_26) 25MM THICK LAMINATE FINISH TABLE TOP 18MM THICK LAMINATE FINISH CARCASS DRAWERS WITH TELESCOPIC SLIDES & OPENABLE SHUTTERS WITH SOFT CLOSING HINGES CONCEALED HANDLE IN LAMINATE FINISH WITH AN OPEN SPACE FOR C.P.U CGM CHAMBER_BACK CREDENZA 2250X400X675MM Refer Drawing No. (CPM_ID_WD_26) 18MM THICK LAMINATE FINISH CARCASS DRAWERS WITH TELESCOPIC SLIDES & OPENABLE SHUTTERS WITH SOFT CLOSING HINGES CONCEALED HANDLE IN LAMINATE FINISH	Each	1.00	59000.00	59000.00
46	46	ASSI. OFFICE_TABLE Refer DrawingNo. (CPM_ID_WD_27) and INSTURCTION ROOM Refer DrawingNo. (CPM_ID_WD_37) OFFICE TABLE 1575X750X750 WITH SIDE CREDENZA 1500X450X675 25MM THICK LAMINATE FINISH TABLE TOP WITH ALL SIDE 2MM EDEG BAND SIDE PANEL IN LAMINATE FINISH & ONE SIDE RESTED ON SIDE CREDENZA WITH 1 NOS OF FLAP UP BOX SIDE CREDENZA 18MM THICK LAMINATE FINISH CARCASS 3 DRAWERS WITH TELESCOPIC SLIDES AN OPENABLE SHUTTERS WITH SOFT CLOSING HINGES OPEN SPACE FOR CPU	Each	5.00	60180.00	300900.00
47	47	WORK STATION TABLE SHARING ( 6 PERSON ) 3600X1200X1050 Refer DrawingNo.(CPM_ID_WD_30) 25MM THICK LAMINATE FINISH TABLE TOP WITH ALL SIDE 2MM EDEGBAND@10<42@30 M.S "O" FRAME STRUCTURE WITH POWDER COATING WITH METALLIC CABLE RACEWAYS 40MM ALU. STRUCTURE SRCEEN PARTITION WITH SOFTBOARD ( 1 FT HEIGHT ) WITH 4 NOS OF ZINC FINISH CABLE MANAGER	Each	4.00	25370.00	101480.00
48	48	WORK STATION STORAGE CABINET (ALL TABLE)(400X450X650)(6 NO.) Refer DrawingNo.(CPM_ID_WD_30) 25MM THICK LAMINATE FINISH TABLE TOP WITH ALL SIDE 2MM EDEGBAND@10<42@30 M.S "O" FRAME STRUCTURE WITH POWDER COATING WITH METALLIC CABLE RACEWAYS 40MM ALU. STRUCTURE SRCEEN PARTITION WITH SOFTBOARD ( 1 FT HEIGHT ) WITH 4 NOS OF ZINC FINISH CABLE MANAGER	Each	24.00	8850.00	212400.00
49	49	WORK STATION AREA ( LOW HEIGHT STORAGE ) 3600X600X750 Refer DrawingNo.(CPM_ID_WD_30) 18MM THICK LAMINATE FINISH CARCASS ALL DRAWERS WITH TELESCOPIC SLIDES AN OPENABLE SHUTTERS WITH SOFT CLOSING HINGES	Each	2.00	58410.00	116820.00
50	50	WORK STATION AREA ( OVERHEAD ) 3600X380X600MM Refer DrawingNo. (CPM_ID_WD_30) STORAGE IN 18MM THICK LAMINATE FINISH CARCASS WITH OPENABLE SHUTETRS WITH SOFT CLOSING HINGES WITH SHELVES	Each	2.00	44250.00	88500.00

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51	51	CAFETARIA TABLE 1500X1500X750 Refer DrawingNo.(CPM_ID_WD_35) WITH 25MM THICK TOP CONICAL SHAPED LEGS WITH POWDER COATING LAMINATED FINISH BASE & TOP UNIT	Each	2.00	46397.60	92795.20
52	52	CAFETARIA TABLE 1200X1200X750 Refer DrawingNo.(CPM_ID_WD_35) WITH 25MM THICK TOP CONICAL SHAPED LEGS WITH POWDER COATING LAMINATED FINISH BASE & TOP UNIT	Each	4.00	23198.80	92795.20
53	53	KING SIZE BED 1800X2000X350MM Refer Drawing No.(CPM_ID_WD_40) BED WITHOUT STORAGE BED FRAME IN CUSHION & BED BACK IN CUSHION	Each	1.00	76700.00	76700.00
54	54	BED SIDE TABLE 600X375X375 Refer Drawing No.(CPM_ID_WD_40) 18MM THICK LAMINATE FINISH CARCASS 1 DRAWERS WITH TELESCOPIC SLIDES	Each	2.00	8850.00	17700.00
55	55	3 SHUTTER WARDROBE 1425X600X2400 Refer DrawingNo.(CPM_ID_WD_40) 18MM THICK SUEDE WOODEN LAMINATE FINISH CRACSS 3 DRAWERS WITH TELESCOPIC SLIDES SHUTTERS ARE IN BLOCK BOARD WITH LAMINATE	Each	1.00	64133.00	64133.00
56	56	DRESSING UNIT 1200X350X550 Refer DrawingNo.(CPM_ID_WD_40) 18MM THICK SUEDE WOODEN LAMINATE FINISH CRACSS 4 DRAWERS WITH TELESCOPIC SLIDES WITH M.S LEGS	Each	1.00	17700.00	17700.00
57	57	DRESSING MIRROR 850X25X850 Refer Drawing No.(CPM_ID_WD_40) METAL FRAME WITH POWDER COATING	Each	1.00	3540.00	3540.00
58	58	3 SHUTTER WARDROBE 1725X600X2400 Refer DrawingNo.(CPM_ID_WD_40) 18MM THICK SUEDE WOODEN LAMINATE FINISH CRACSS 3 DRAWERS WITH TELESCOPIC SLIDES SHUTTERS ARE IN BLOCK BOARD WITH LAMINATE	Each	1.00	64133.00	64133.00
59	59	TV UNIT 2825X300X750 Refer DrawingNo.(CPM_ID_WD_40) 18MM THICK LAMINATE FINISH CARCASS WALL HANG UNIT DRAWERS WITH TELESCOPIC SLIDES FACIA IN LAMINATE FINISH 25MM THICK TOP PANEL WITH ALL SIDE 2MM EDGE BAND & SIDE PANEL IN 25MM	Each	1.00	41300.00	41300.00
60	60	KING SIZE BED 1800X2000X350MM Refer DrawingNo.(CPM_ID_WD_41) BED WITHOUT STORAGE BED FRAME IN CUSHION & BED BACK IN CUSHION EXTENDED BED BACK 2 FT WIDE BOTH SIDE	Each	1.00	83331.60	83331.60
61	61	BED SIDE TABLE 600X375X250 Refer Drawing No.(CPM_ID_WD_41) 18MM THICK LAMINATE FINISH CARCASS 2 DRAWERS WITH TELESCOPIC SLIDES	Each	2.00	8850.00	17700.00
62	62	TV CUM DRESSING UNIT 2200X300X25, 900X500X250 Refer DrawingNo.(CPM_ID_WD_41) 25MM THICK LAMINATE FINISH HANGING WALLSHELF 18MM THICK LAMINATE FINISH CARCASS DRAWERS WITH TELESCOPIC SLIDES WITH ROUND METAL FRAME MIRROR 750X25X750 WALL PANNELLING NOT INCLUDED	Each	1.00	24780.00	24780.00

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63	63	2 SHUTTER WARDROBE 1200X600X2400 Refer DrawingNo. (CPM_ID_WD_41) 18MM THICK SUEDE WOODEN LAMINATE FINISH CRACSS 2 DRAWERS WITH TELESCOPIC SLIDES SHUTTERS ARE IN PROFILE SHUTTER WITH FLUTED GLASS VERTICAL PROFILE LIGHTS	Each	1.00	59000.00	59000.00
64	64	OPEN NICHE CUM STORAGE 750X600X2400 Refer DrawingNo. (CPM_ID_WD_41) 18MM THICK 1 MM TEXTURED LAMINATE FINISH CARCASS 1 TRAY DRAWER WITH TELESCOPIC SLIDES 18MM THICK LAMINATE FINISH SHELVES VERTICAL PROFILE LIGHTS SHUTTER WITH LAMINATE FINISH	Each	1.00	29500.00	29500.00
65	65	SUITCASE CONSOLE 1600X500X500 Refer DrawingNo.(CPM_ID_WD_41) 18MM THICK LAMINATE FINISH CARCASS 2 DRAWERS WITH TELESCOPIC DRAWER SLIDES 18MM THICK LAMINATE FINISH OPEN NICHE	Each	1.00	20650.00	20650.00
66	66	LOUNGE T.V UNIT 2100X300X350 Refer DrawingNo.(CPM_ID_WD@95'41@ TV UNIT 18MM THICK LAMINATE FINISH CARCASS WALL HANG UNIT DRAWERS WITH TELESCOPIC SLIDES FACIA IN LAMINATE FINISH TOP STONE finish laminare PROVIDING & FIXING	Each	1.00	17700.00	17700.00
67	67	LIVING ROOM T.V UNIT 2100X300X300 Refer DrawingNo.(CPM_ID_WD@95'41@ TV UNIT 18MM THICK LAMINATE FINISH CARCASS WALL HANG UNIT FLIP DOWN ALU. PROFILE SHUTTER TOP STONE finish laminare PROVIDING & FIXING	Each	1.00	23600.00	23600.00
68	68	GROUND PANTRY BASE UNIT VERTICLE 18 MM THK_0.8 MM SF FINISH LAMINATE IN BWP PLYWOOD VISUAL FINISH - 1 18 MM THK_1MM POSTLAM SF FINISH LAMINATE ON BWP PLYWOOD HANDLE ALU. GOLA PROFILE SLIM STANDARD DRAWER AUTO HINGES SOFT CLOSE HETTICH DRAWER CUTLERY_PVC_600 MM_SOCAR / DITOX- 01 DUST BEAN_SWING_S.S._13 LTR_EBCO-01 SOUCER , PLATE & THALI STAND_S.S._ARINOX-01	Each	1.00	97940.00	97940.00
69	69	GROUND PANTRY UPPER WALL STORE VERTICLE 18 MM THK_0.8 MM SF FINISH LAMINATE IN BWP PLYWOOD VISUAL FINISH - 1 18 MM THK_1MM POSTLAM SF FINISH LAMINATE ON BWP PLYWOOD HANDLE ALU. GOLA PROFILE AUTO HINGES SOFT CLOSE HETTICH DRAWER CUTLERY_PVC_600 MM_SOCAR / DITOX- 01 DUST BEAN_SWING_S.S._13 LTR_EBCO-01 SOUCER , PLATE & THALI STAND_S.S._ARINOX-01	Each	1.00	41300.00	41300.00

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70	70	FIRST FLOOR PANTRY Refer DrawingNo. (CPM_ID_WD_15) BASE UNIT VERTICLE 18 MM THK_0.8 MM SF FINISH LAMINATE IN BWP PLYWOOD VISUAL FINISH - 1 18 MM THK_ 1MM POSTLAM SF FINISH LAMINATE ON BWP PLYWOOD HANDLE ALU. GOLA PROFILE CORNER UNIT WITH SHELF-02 AUTO HINGES SOFT CLOSE_HETTICH DRAWER CUTLERY_PVC_600 MM_SOCAR / DITOX-01 DUST BEAN_SWING_S.S._13 LTR_EBCO-01 SOUCER , PLATE & THALI STAND_S.S._ARINOX-01	Each	1.00	118000.00	118000.00
71	71	FIRST FLOOR PANTRY UPPER WALL STORE VERTICLE 18 MM THK_0.8 MM SF FINISH LAMINATE IN BWP PLYWOOD VISUAL FINISH - 1 18 MM THK_ 1MM POSTLAM SF FINISH LAMINATE ON BWP PLYWOOD HANDLE ALU. GOLA PROFILE AUTO HINGES SOFT CLOSE_HETTICH DRAWER CUTLERY_PVC_600 MM_SOCAR / DITOX-01 DUST BEAN_SWING_S.S._13 LTR_EBCO-01 SOUCER , PLATE & THALI STAND_S.S._ARINOX-01	Each	1.00	41300.00	41300.00
72	72	CROCKERY UNIT-01 Refer DrawingNo. (CPM_ID_WD_15) CARCASS - 1 APD 18 MM THK_0.8 MM SF FINISH LAMINATE IN BWP PLYWOOD VISUAL FINISH - 1 18 MM THK_ 1MM POSTLAM SF FINISH LAMINATE ON BWP PLYWOOD HANDLE GOLA PROFILE AUTO HINGES SOFT CLOSE_HETTICH HAFELE TELESCOPIC SLIDES WITH SOFT CLOSE-06	Each	1.00	59000.00	59000.00
73	73	WALL UNIT-01 Refer DrawingNo. (CPM_ID_WD_15) CARCASS - 1 APD 18 MM THK_0.8 MM SF FINISH LAMINATE IN BWP PLYWOOD VISUAL FINISH - 1 18 MM THK_ 1MM POSTLAM SF FINISH LAMINATE ON BWP PLYWOOD HANDLE GOLA PROFILE	Each	1.00	53100.00	53100.00



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74	74	EXTERIOR FACADE Providing & fixing Vertical Linear Baffle Ceiling made out of Aluminum Extrusion in Aluminum alloy grade 6063. The baffle blade shall be in size of 100x25x3600mm in powder coated Black finish. The baffle blade shall be suspended using Slotted U-profile at on-center spacing in multiples of 25mm. Longer lengths of Baffle to be connected by Baffle Joiner and the ends to be fixed with End caps. Installation of U-Grid: The U profile to be suspended at every 1200mm on-centre using 6mm threaded rod from the structural soffit using U-profile hanger. U-profile splice to be used to join more than one U profiles of length 3.75M. 1st U-Grid Channel must be no more than 400mm from the perimeter Installation of Baffles: Locate the slot for Baffle Hangers in U Profile section at 1200mm centres. Hangers are inserted into the slot, then rotated 90° and fixed into position by tightening the grub screw. Baffle to be lifted into position and hangers engage over lip of U-Grid Channel. Each Hanger to be secured into position by inserting the Locking Clip. When doing continuous installation, Baffles blades are to be connected at ends with Baffle Joiner, which are inserted into the top and bottom slots of the Baffle closed profile for alignment only. The bottom Joiner to be located first and fastened on one side only. The top Joiner to be fitted then and secured with grub screws on one side. Then the two Baffle sections shall be joined and the top Joiner is screw fastened on the 2nd Baffle profile. End Caps to be located by pushing the End Cap tongues into open Baffle slots. Installation to be carried out by Trained Installation team & Installation should be carried out as per recommended procedure.	Sqm	244.00	6785.00	1655540.00
75	75	TENSILE STRUCTURE FOR PARKING Providing and fixing parking Tensile structure including tensile fabric for the upper shade and support legs in MS with required fabrication work and fittings. A) TENSILE METAL SUPPORT	Kg	1000.00	153.40	153400.00
76	76	TENSILE STRUCTURE FOR PARKING Providing and fixing parking Tensile structure including tensile fabric for the upper shade and support legs in MS with required fabrication work and fittings. B) TENSILE FABRIC	Sqm	112.00	1239.00	138768.00
77	77	GAZEBO SEATING METAL STRUCTURE Providing and fixing circular metal structure with vertical column and supporting beam in circular shape as per design and upper pargola for shade including required fabrication work and fittings. A) GAZEBO CIRCULAR SITTING	Kg	2173.00	153.40	333338.20

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78	78	GAZEBO SEATING METAL STRUCTURE Providing and fixing circular metal structure with vertical column and supporting beam in circular shape as per design and upper pargola for shade including required fabrication work and fittings. B) FLAG HOSTING POLE	Kg	144.00	153.40	22089.60
79	79	BENCH SITTING Making a bench in brick masonry of size 1500x460x460mm ,all side mala plaster of thickness 12mm with cement, and laying granite stone on top of 18mm with required chemical, also fixing metal rod pipe for back support of Round metal 75mm Dia with vertical support of 40mm Dia finished in selected colour (black)	Numbers	15.00	11800.00	177000.00
80	80	TERRACOTTA JALI IN FACADE Providing and fixing terracotta jali in facade as per provided drawings of elevation	Sqm	114.00	4720.00	538080.00
81	81	TERRACOTTA JALI SUPPORT FABRICATION FRAME 100X100X5MM BOX PIPE Providing and fixing metal framing support for terracotta jali in exterior facade as per elevation drawings.	Kg	3132.00	153.40	480448.80
82	82	JALI DESIGN ABOVE POARCH AREA Providing and fixing WPC jali in Porch area in Exterior facade with required fittings and material, as approved by Engineer InCharge	Sqm	36.00	8260.00	297360.00
83	83	FLAG HOISTING POLE 100MM DIA Supplying, fabricating hoisting and fixing of MS pipe of varying diameters fixed by means of arc welding or flanges for hoisting the National flag. The flag is to be hoisted upto a height of 20m. MS Pipe, Concrete foundations, base plate, stiffner plate, holding down bolts to be as per the design and detail approved by the Architect/ Engineer In Charge. The cost of concrete, structural members, bolts and hoisting arrangement including flag, pulley, rope etc. to be paid in their respective heads.	Kg	150.00	145.14	21771.00
84	84	FOUNTAIN Providing and fixing water fountain HEIGHT OF 5FT AND 3FT RADIUS made from white marble stone with pressure pump and surrounding boarder for water staggering. as approved by Engineer incharge	Numbers	1.00	115286.00	115286.00
					<b>Total</b>	<b>17787415.58</b>
<b>Schedule</b>	Schedule 4-Schedule C					
<b>Item- 4</b>	Schedule C NS Items Electrical Works					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	01	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 insulated copper conductor single core cable etc. as required. (Group C)	Point	138.00	1361.82	187931.16

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2	02	1.11:-Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way 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.	Point	5.00	1450.00	7250.00
3	03	1.55.3:-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)	Point	224.00	903.96	202487.04
4	04	1.14:-Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. A) 1.14.1:- 2 x 1.5sqmm + 1 x 1.5sqmm earth wire	Metre	1000.00	216.29	216290.00
5	05	1.14:-Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. B) 1.14.2: -2 x 2.5sqmm + 1 x 2.5 sq mm earth wire	Metre	1500.00	255.28	382920.00
6	06	1.14:-Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. C) 1.14.3:-2 x 4sqmm + 1 x 4sqmm earth wire	Metre	1200.00	310.05	372060.00
7	07	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. 25mm	Metre	100.00	152.77	15277.00
8	08	1.31:-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 A modular socket outlet and 5/6 A modular switch, connections etc. as required	Each	140.00	442.80	61992.00
9	09	1.32:-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 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	50.00	543.98	27199.00
10	10	1.57:-Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	Each	35.00	765.95	26808.25

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11	11	1.33:-Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Each	20.00	91.66	1833.20
12	12	1@46&58@-Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	Each	2.00	91.90	183.80
13	13	1.41:-Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	50.00	217.04	10852.00
14	14	15.1-Supply, installation testing and commissioning of passive infrared (PIR) technology-based occupancy sensor having high performance, non-regulating programmable type, suitable for connected load upto 10A, for mounting height up to 2.8mtr and for 5 mtr diameter coverage area long with necessary fixing arrangements i/c programming at site etc. complete as required	Each	20.00	4272.04	85440.80
15	15	1.44:Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	10.00	224.41	2244.10
16	16	1.50.1:-Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450mm sweep	Each	10.00	474.11	4741.10
17	17	2.2:-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. 2.2.14:-125A 36KA FP MCCB	Each	1.00	8648.77	8648.77
18	18	2.3:-Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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). A)2.3.1:-6 way , Double door	Each	1.00	2324.18	2324.18
19	19	2.3:-Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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). B)2.3.2:-8 way , Double door	Each	1.00	2388.52	2388.52

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20	20	2.3:-Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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). C).2.3.3:-12 way , Double door	Each	1.00	2149.01	2149.01
21	21	2.4:-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). A)2.4.2:-6 way (4 + 18), Double door	Each	4.00	4617.36	18469.44
22	22	2.4:-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). A)2.4.3:-8 way (4 + 24), Double door	Each	4.00	5539.17	22156.68
23	23	2.5:-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.). 2.5.3-12 way (4 + 36), Double door	Each	1.00	13520.48	13520.48
24	24	2.1:-Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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. A) 2.10.1:-Single Pole	Each	100.00	237.64	23764.00
25	25	2.1:-Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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. B) 2.10.3:-Double Pole	Each	1.00	691.14	691.14
26	26	2.1:-Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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. C)2.10.4:-Triple Pole	Each	2.00	1060.95	2121.90
27	27	2.1:-Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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. D)2.10.5:-Triple Pole and Neutral	Each	5.00	1293.79	6468.95

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28	28	3.10.5:-(R&B GOG)Providing & erecting 415V MCB four pole for motor and inductive load (C curve) having 10KA breaking capacity & confirms to IS:8828 in existing box having (c) 63Amp Cat.III	Each	6.00	860.00	5160.00
29	29	3.10.6:-(R&B GOG)Providing & erecting 415V MCB Three pole for motor and inductive load (C curve) having 10KA breaking capacity & confirms to IS:8828 in existing box having (c) 63Amp Cat.III	Each	6.00	835.00	5010.00
30	30	2.11:-Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	50.00	12.07	603.50
31	31	2.14:-Supplying and fixing following rating, Double pole, (Single phase and neutral), 240 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. A)2.14.1:-25A	Each	7.00	1882.59	13178.13
32	32	2.14:-Supplying and fixing following rating, Double pole, (Single phase and neutral), 240 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. B)2.14.2:-40A	Each	9.00	2452.57	22073.13
33	33	2.14:-Supplying and fixing following rating, Double pole, (Single phase and neutral), 240 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. C)2.14.3:-63A	Each	9.00	2867.82	25810.38
34	34	2.15:-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.	Each	1.00	3358.79	3358.79
35	35	2.21:-Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	Each	2.00	249.71	499.42

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36	36	3.16.1 (R&B GOG) B (i):-Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S.sheet for internal partitions with necessary accesories , supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, Indicating lamps, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket,heavy duty end terminal connection,danger notice board,necessary ventilation,earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size. (B) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory as per IEC 61439 for beneficial use. (ii) with 550 mm. Depth. ONE panel is 1.2 Sq. M & SECOND panel is 1.8 SqM	Each	3.00	21026.00	63078.00
37	37	3.8.2 (R&B GOG) (B):-Supplying and erecting triple pole & neutral 440V / 500V panel mounting Copper Busbars with four equal Nos. of electrolyte bus having current density not more than 1.6 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each bar, erected in existing cubical panel with necessary connections. (B) Suitable for 200 Amp. capacity	Each	2.00	2784.90	5569.80
38	38	3.15.6 (R&B GOG):-providng and erecting Approved make. energy meter 3 phase 4 wire unbalanced load 500 V.50A / 150A complete erected as directed with necessary earth wire. - Cat III	Each	2.00	2831.32	5662.64
39	39	3.15.7 (R&B GOG):-providng and erecting Suitable set of CTS for 100A Energy Meter	Each	2.00	2283.62	4567.24

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40	40	4.1:-Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. 4.1.4:-300 mm width X 50 mm depth X 1.6 mm thickness	Metre	40.00	818.63	32745.20
41	41	4.2:-Supplying and installing following size of perforated painted with powder coating M.S. cable trays bends with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. 4.2.4:-300 mm width X 50 mm depth X 1.6 mm thickness	Each	5.00	1515.04	7575.20
42	42	4.3:-Supplying and installing following size of perforated painted with powder coating M.S. cable trays Tee with perforation not more than 17.5%, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. 4.3.4:-300 mm width X 50 mm depth X 1.6 mm thickness	Each	3.00	1799.50	5398.50
43	43	'Earthing with G.I. Pipe of 3 mtr length with Connection with 8 swg wire with nut/bolt washer and treatment of Soil for keeping Earth resistance less than 10 Ohm including accessories, and providing masonry enclosure with cover	Numbers	11.00	5080.00	55880.00
44	44	5.15:-Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre	300.00	257.07	77121.00
45	45	5.16:-Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required. FOR DB EARTHING	Metre	100.00	64.98	6498.00
46	46	5.17:-Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	Metre	50.00	163.30	8165.00
47	47	6.2:-Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	Each	2.00	480.86	961.72
48	48	6.4:-Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	Each	20.00	104.90	2098.00
49	49	6.7:-Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run)	Metre	94.00	116.97	10995.18
50	50	6.8:-Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	Metre	30.00	182.88	5486.40
51	51	6.12:-Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	Each	22.00	112.32	2471.04



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52	52	6.14:-Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	10.00	181.02	1810.20
53	53	'Providing and erecting XLPE(IS:7098)(I)-8 8 I S I armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables 3.5 core 185 Sq. mm	Metre	600.00	1050.00	630000.00
54	54	'Straight through Jointing Kit for 185 sq mm cable	Numbers	1.00	6000.00	6000.00
55	55	'End termination kit & lug for 185 sqmm cable	Numbers	2.00	3000.00	6000.00
56	56	'9.1:-Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed 1 XLPE aluminum conductor cable of 1.1 KV grade as required. A)9.1.20:-:3½ X 25 sq. mm (28mm)	Each	6.00	329.77	1978.62
57	57	'9.1:-Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed 1 XLPE aluminum conductor cable of 1.1 KV grade as required. B)9.1.32:-4 X 10 sq. mm (25mm)	Each	20.00	283.41	5668.20
58	58	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, ServiceValue(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, 50 Hz, single phase AC Supply, earthing etc. complete as required.	Each	7.00	2876.25	20133.75
59	59	5.3.3 (R&B GOG):-Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame. 250mm with 1350 RPM - Ca-II	Each	10.00	1481.57	14815.70
60	60	5.3.8 (R&B GOG):-Providing window frame suitable for erection of Exhaust fan complete covering the remaining portion of window with 15 mm. thick plywood and colour washing to match the colour of the wall.	Each	10.00	204.23	2042.30

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61	61	8.16.1 (R&B GOG):-Supplying and erecting approved make Instantaneous type water heater with 3ltr.capacity rust free container housed in ABS plastic body insulated with glass wool / puff insulation and 3 Kw heating elements, adjustable thermostat 300 C to 850 C with set to operate at 850 C (+ /-60 C ) auto reset indication lamps, thermal cut-out, safety valve fusible plug etc. Premium Category (Racold,A.o.Smith,Venus) .	Each	2.00	4595.09	9190.18
62	62	'Supplying, Erecting, Testing & Commissioning the passenger / stretcher lift having following main features: 8 / 10 Passengers, Ground plus 2 upper floor with Rated Speed of 1.0 m/sec., (C) With General PLUS ADDITIONAL SPECIAL FEATURES attached herewith Annexure I . MAKE - SCHINDLER / OTIS / OMEGA	Each	1.00	1600000.00	1600000.00
63	63	Supply, Installation, testing and Commissioning of variable refrigerant flow modular type Air Conditioning system with inverter scrolled compressor suitable on 415+ /- 10% Voltage and 50HZ complete with outdoor unit, Controller , Accessories including fully charged with Refrigerant R410A to Outdoor unit and all running Refrigerant piping as per detailed given in the specification attached herewith Annexure II. The condenser Fan will reverse the rotation to clen the dust for better efficiency in every 60 days. Make Heir/ Daikin. With wireless communication for VRF indoor units.	Each	1.00	5497331.00	5497331.00
64	64	Supply, Installation testing and commissioning of Fire Alarm System as per Annexure-III	Each	1.00	559500.60	559500.60
65	65	10.2.25 (R&B GOG) :-Supplying & erecting D.C.P. type fire extinguisher for following capacity cartridge type with gun metal cap 150 gram CO2 gas cartridge, powder and brackets confirming to IS 2171 1985 and complete erected with necessary clamps made from 50 x 6 mm M S Flat with nuts and bolts grouted in wall complete. [A] For 5 Kg Capacity	Each	5.00	1856.60	9283.00
66	66	Supply and laying of RCC half round pipe, 150 mm ID and 1.0 meter length - The price shall cover for supply of half round RCC pipes of 150 mm inner diameter and 1.0 meter in length as per given description. The internal surface shall have a smooth finish without any bulge or projections to avoid damage to the cable	Metre	100.00	54.32	5432.00

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67	67	Supply, erection and commissioning of 7.0 meter height G.I. street light octagonal pole with single arm and all accessories including foundation - The price shall cover for supply, erection and commissioning of 7.0 meter height G.I. street light octagonal pole as per the below mentioned specifications. G.I. Octagonal pole of 7.0 meter height, Top - 70 mm diameter, Bottom - 130 mm diameter and 3 mm thickness sheet. Base plate of minimum dimension 200 x 200 x 12 mm, foundation bolts (4 nos with 3 nos of nuts and washers in each), single arm bracket for mounting the light fittings, bakelite sheet with one MCB SP, 6 Amp and 16 mm <sup>2</sup> stud type connector (4 nos) inside the pole at door opening for cable connection, common templates minimum 1 for 15 poles.	Numbers	8.00	7112.45	56899.60
68	68	Providing controlling board with time switch and contactor - The price shall cover for supply, fixing, testing and commissioning of Controlling Board. The board shall be equipped with MCB DP, 10 KA breaking capacity, 32 Amp rating - 1 No, Time switch, 16 Amp - 1 No and single phase contactor of rating 32 Amp - 1 No. The MCB shall be of MDS/GE/L&T/ABB/C&S/Siemens/Schneider/BCH/CGL make, the contactor shall be of L&T/BCH/C&S/CGL/Schneider/Seimens make and time switch shall be of daily dial type of L&T make, model FM1/QT or similar of Siemens/Minilec make. The board shall be completely wired with multi-stranded copper wire of suitable capacity.	Numbers	1.00	3863.06	3863.06

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69	69	Providing LED street light luminary, 25 Watt, ±10% complete with all accessories - The price shall cover for supply of aesthetically designed outdoor 25 Watt (±10%) LED street light fitting made from pressure die-cast LM6/ADC12/LM24 housing with optimal heat sink for better thermal dissipation and toughened glass or UV stabilized polycarbonate cover with high transmission index for superior light output. The fitting shall be as per Western Railways' specification no. WR/CCG/ Specification/P/001 (Rev. 01) - 2018 of reputed quality and make. The fitting shall be designed for IP: 65 class protection. The price shall also cover for fixing, testing and commissioning of the above street light fitting on pole/truss/roof/wall by fabrication and supply of 'B' class G.I. pipe of required length, diameter and shape and fixed with M.S. clamps made from M.S. flat of 40 x 5 mm size duly painted with nut, bolts and washers of 12 mm diameter. The connection shall be carried out through ISI marked, PVC insulated, flexible three-core copper wire of size 24/0.20 mm from the existing overhead line/catenary/junction box as per site conditions. The connection cord shall be protected by suitable size of heavy duty flexible PVC conduit.	Each	8.00	2208.61	17668.88
70	70	8.13.1 (R&B GOG) :- Providing and erecting water cooler having storage capacity 80 Ltr. & cooling capacity 40 Ltr. Per hour @ an ambient temp of 45 deg celcius. The outlet Temp of the water should drop by 15 deg celcius with a hour. The water cooler should be comprising of hermetically sealed compressor, fan motor. condensing unit, water tank surrounded by evaporating coil, thermostats relay etc. complete with necessary inlet & outlet connection. The body of water cooler will be made from stainless steel.	Numbers	2.00	48300.00	96600.00
71	71	8.13.6(c)(R&B GOG) :-Supplying and erecting 5 stage single reverse osmosis water purification system with M.S powder coated frame , prefilter housing with 'o' ring resediments filter GAC Filter, carbon filter suitable buster DC Pump capacity 80 psi, mention with 40 psi inline type post carbon filter auto low & high pressure switches with following size of storage tank & LPH Capacity & erected as directed [C] 50 Ltr/Hr with 150 psi 2 nos booster pump.	Numbers	2.00	28500.00	57000.00
72	72	8.14.3 (R&B GOG) :-Supplying approved make domestic refrigerator of 200 Ltr to 250 Ltr storage capacity single phase minimum 3 star rating	Numbers	1.00	20000.00	20000.00
73	73	8.14.1 (R&B GOG):- Supplying approved make domestic refrigerator of 50/60 Ltr storage capacity single phase minimum 3 star rating	Numbers	3.00	8000.00	24000.00
74	74	Supplying Micro wave Oven with 20L Capacity of 800W of high power for fast cooking	Numbers	1.00	14300.00	14300.00

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75	75	4.3.3 (R&B GOG) :-Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminum conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables - (A) 3 1/2 core 25 Sq. mm ( 16 Sq. mm 1/2 core)	Metre	50.00	209.00	10450.00
76	76	4.4.2 (R&B GOG) :-Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (A) 3 core 2.5 Sq. mm	Metre	50.00	248.00	12400.00
77	77	4.4.4 (R&B GOG) :-Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (C) 4 core 6 Sq. mm	Metre	90.00	549.55	49459.50
78	78	4.4.5 (R&B GOG) (A):-Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (A) 4 core 10 Sq. mm	Metre	60.00	729.64	43778.40
79	79	2.16.1 (R&B GOG) (A(i):-Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of co-extruded polycarbonate channel with diffuser part in needed opal finish with company mark/name 160V to 270V, Power Factor more than 0.9, THD < 15%, CCT 3000 K to 6500K,Luminaire efficacy> 100 lumens/watt ,LED LED driver efficiency > 85% ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Tube Light with integral driver (i) 5-10 Watts, Surge-2 KV, IP-20, conventional 1 to 2 feet - Cat - III	Numbers	10.00	385.41	3854.10

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80	80	2.16.1 (R&B GOG)(A(ii)):-Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of co-extruded polycarbonate channel with diffuser part in needed opal finish with company mark/name 160V to 270V, Power Factor more than 0.9, THD < 15%, CCT 3000 K to 6500K,Luminaire efficacy> 100 lumens/watt ,LED LED driver efficiency > 85% ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer InCharge may select any wattage capacity between the ranges shown.) (A) Tube Light with integral driver (ii) 18-20 Watts, Surge -2KV,IP-20, conventional 4 feet - Cat- III	Numbers	10.00	441.13	4411.30
81	81	2.16.4 (R&B GOG)(A):-"Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminum pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminum casted body with company mark/name 160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 100 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer InCharge may select any wattage capacity between the ranges shown. A)' (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete.IP20(ii) 10-15 watts, Surge-2 KV - Cat - III"	Each	80.00	510.79	40863.20
82	82	2.16.4 (R&B GOG)(A):-"Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminum pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminum casted body with company mark/name 160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 100 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer InCharge may select any wattage capacity between the ranges shown. B )' (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete.IP20(iii) 15-20 watts, Surge-2 KV - Cat - III"	Each	160.00	705.81	112929.60

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83	83	2.16.4 (R&B GOG)(A):-"Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminum pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminum casted body with company mark/name 160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 100 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer InCharge may select any wattage capacity between the ranges shown. C)'(H) Mirror Light 9 watts, wall mounted minimum 1 feet long	Each	12.00	400.00	4800.00
84	84	2.16.4 (R&B GOG)(A):-"Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminum pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminum casted body with company mark/name 160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 100 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer InCharge may select any wattage capacity between the ranges shown. D)'(I) Adjustable spot light with COB LED having aluminum reflector of following wattage(ii)12 watts catt-III	Each	20.00	1250.00	25000.00
85	85	2.16.4 (R&B GOG)(A):-"Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminum pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminum casted body with company mark/name 160V to 270V,Power Factor more than 0.9, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy> 100 lumens/watt , LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer InCharge may select any wattage capacity between the ranges shown. E)'(I) Adjustable spot light with COB LED having aluminum reflector of following wattage(ii)15 watts catt-III	Each	20.00	1420.00	28400.00

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86	86	1.2.7 (R&B GOG)(21-b):-Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.(21) Foot Light as per colour requirement with concealed box, modular accessories, acrylic glass cover with suitable LED watt with all accessories as per following module (a) equal of two / four modules cat-III	Each	10.00	513.57	5135.70
87	87	2.18.3 (R&B GOG):-Providing and erecting PVC body surface or pendent mounting LED Bulk type 9 watt Lighting Fitting with electronic driver. And lumen output from luminaire 720lm , input voltage range 90- 300VAC , 50Hz cool white(3000 to 6500k), inbuilt driver, - 20degC to +60degC working temperature, AL frame with Beam Angle 120deg	Each	20.00	854.40	17088.00
88	88	Supply, Installation, Testing and Commissioning of Wall mounted bracket ligh (up & down lighter) - Outdoor type. Wipro DW11227 similar type	Each	20.00	1958.71	39174.20
89	89	Supply, Installation, Testing and Commissioning of 7W Spike light / Planter Light - Outdoor type - Wipro D930727 similar type	Each	20.00	1171.51	23430.20
90	90	Supply, Installation, Testing and Commissioning of 14W / mtr Profile light with Aluminum section and diffuser for Furniture, passage art wall and curtain grazer.	Metre	85.00	776.06	65965.10
91	91	Supply, Installation, Testing and Commissioning of PROFILE DRIVER OF 6A DC SUPPLY (12V/24V) -	Each	15.00	1562.33	23434.95
92	92	Supply & erection of Pendent Chandilier Light for office Reception	Each	1.00	24999.00	24999.00
93	93	'Supply of material as per rate mention in appendix-II of DSR-E&M-2022 or as decided by Engineer (Spot Committee)	Lumpsum	1.00	120000.00	120000.00
					<b>Total</b>	<b>11393269.13</b>
<b>Schedule</b>	Schedule 5-Schedule D					
<b>Item- 4</b>	Schedule D NS items Telecom Works					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	01	Supply of 85 Inch 4K QLED Smart TV	Numbers	1.00	499990.00	499990.00
2	02	Supply & Installation of PC Based Console complete with Printer & Other accessories as per Specification	Numbers	1.00	63559.70	63559.70
3	03	Supply & Installation of High Volume Laser Printer, HP or Similar as per specification	Numbers	1.00	89187.88	89187.88
4	04	Supply & Installation of Cordless Mic complete with wiring material.	Numbers	2.00	42194.15	84388.30
5	05	Supply & Installation of Mixture Amplifier Complete with wiring material Make Apart Audio/ BOSE	Numbers	2.00	37831.65	75663.30
6	06	Supply & Installation of Ceiling Speakers Complete with wiring material Make Apart Audio/ BOSE	Pair	8.00	24589.57	196716.56



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7	07	Supply, Installation, Testing & Commissioning of 86" Interactive (Touch) Flat Panel Display 4K UHD Resolution with Mounting arrangement and 20 Point Touch as per Specification	Numbers	1.00	930538.56	930538.56
8	08	Supply, Installation, Testing & Commissioning of Digital Podium Material Mild Steel, with Keyboard Tray, Built in Visualizer and 21.5" Pen Touch Display Panel as per specification	Numbers	1.00	276946.00	276946.00
9	09	Supply, Installation, Testing & Commissioning of Ceiling Microphone Specially Designed for Video Conferencing with Camera Control Function (Voice Tracking) as per Specification.	Numbers	2.00	72005.96	144011.92
10	10	Supply, Installation, Testing & Commissioning of Open Architecture Digital Signal Processor System with Echo Cancellation, Volume Control as per Specification	Numbers	2.00	88622.72	177245.44
11	11	Supply, Installation, Testing & Commissioning of Open Architecture Digital signal Processor System with Echo Cancellation, Volume Control as per Specification	Numbers	1.00	138473.00	138473.00
12	12	Supply, Installation, Testing & Commissioning of Touch Control System- for controlling Camera for Speech Direction Recognition as per Specification	Numbers	1.00	166167.60	166167.60
13	13	Supply, Installation, Testing & Commissioning of HDMI Cable Compatible with the System 10 meter	Numbers	4.00	3766.47	15065.88
14	14	Supply of CAT 6 Patch Panel 24 Port Loaded	Numbers	3.00	6038.03	18114.09
15	15	Supply of CAT 6 Patch Cord LSHZ Moulded 1 m Length	Numbers	100.00	105.03	10503.00
16	16	Supply of CAT 6 Patch Cord LSHZ Moulded 3 m Length	Numbers	100.00	149.65	14965.00
17	17	Supply & Installation of 24 Giga (1000 mbps) Ports with 4 SFP+ (10 Gig) Ports loaded for Fiber Connectivity, L2 Managed, Cisco, D-Link Netgear or better.	Numbers	3.00	41411.08	124233.24
18	18	Supply & Installation of Ceiling Mount Access Point, Wireless LAN 802.11 b/g/n/ac/ax Compliant 750 mbps, 4x4 MIMO Technology, PoE with high Gain Antenna	Numbers	8.00	15492.22	123937.76
19	19	Supply of 24 Port PoE Gigabit Switch with 2 SFP (Fiber Uplink), Managed, 250 W Power budget.	Numbers	3.00	21532.80	64598.40
20	20	Supply of 16 Chanel NVR	Numbers	2.00	18323.54	36647.08
21	21	Supply of Monitor 24" TFT	Numbers	1.00	12597.43	12597.43
22	22	Supply of 4 MP IP Camera	Numbers	18.00	7157.39	128833.02
23	23	Supply of HDMI cable 3 mtr length	Numbers	1.00	286.06	286.06
24	24	Supply of 4 TB Surveillance Hard Disk	Numbers	3.00	10078.33	30234.99
25	25	Installation, Testing & Commissioning of CCTV system	Set	1.00	13170.53	13170.53

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26	26	Supply, Installtion & Laying of 20/25 dia PVC Pipe & Other Accessories as per requirment with pre inserted G.I. Wire for pulling of Telephone / Networking / Audio Cables Complete and laying of all type of Cables in the PVC conduit Pipe with all accessories. PVC Pipe nees to be buried under floor / wall with necessary chasing / breaking in floor / wall and to be refinished with all Civil material etc. This also include laying of PVC Conduits on Wall, Ceiling, Ducts etc. & Drawing of S& T cables as directed and to the satisfaction of the Engineer in-Charge. The PVC Conduit shall be of ISI standard Supreme, Precision or Similer make.	RM	3200.00	64.48	206336.00
27	27	Installation of CAT 6 Patch Panel	Numbers	4.00	607.15	2428.60
28	28	Supply of UTP CAT-6 Information Outlet (RJ45 & RJ11) with Surface Box & Face Plate of ROMA, Hevells, D-Link, Honeyweill or similar	Numbers	60.00	294.15	17649.00
29	29	Supply & Fixing of 19" Covered 42U Rack for Housing Various Telecom Equipment's, make & Model confirming to WQ, JS, Valrack, President.	Numbers	1.00	41801.13	41801.13
30	30	Supply of fully IP based communication server Exchange complete with all sub systems and duplicated control modules in hot stand by & hot swappable confugated along with one system manager terminal loaded with integrated testing and diagnostic software and system performance analysis software as per technical specifications and ad also having interface approval from TEC with latest guidelines meeting the following configuration: wired for 512 port.	Numbers	1.00	501316.95	501316.95
31	31	Installation, wiring, Testing & Commissioning of entire system (Exchange) including power Supply with proper rating MCB/HRC fuse, IDF/MDF and associated jobs including training of Rly Personal & documentation Charges. ( Exchange subscriber card to IDF/ MDF PVC cable provided will be by vender in same room with termination of exchange cable ).	Job	1.00	28897.06	28897.06
32	32	Supply of Q-SIG PRI Trunk Interface Card for connecting 2Mpbs stream of 30 channels each card suitable for connecting same exchanges with cords & connectors as per side requirement for item No-1 above.	Numbers	1.00	54252.11	54252.11
33	33	Supply of DMKT telephone suitable for item No-1 above.	Numbers	30.00	6503.90	195117.00
34	34	Supply, installation, testing & commissioning of maintenance free earth electrode as per RDSO/SPN/197/2008 or latest.	Numbers	1.00	18665.78	18665.78
					<b>Total</b>	<b>4502538.37</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	As per Tender Document	No	No	Allowed (Mandatory)
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**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Check Lst**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per Tender Document	No	No	Allowed (Mandatory)

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TenderDocument.pdf	Tender Document
2	ReferenceDrawings-min-1.pdf	Drawing
3	AnnexureIIIandIII_1.pdf	Annexures

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** PRADEEP KUMAR RAI

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**Designation :** PM/CIVIL