Tender No: 2025377211841 **Closing Date/Time:** 30/06/2025 10:30

CE,Dy.CE acting for and on behalf of The President of India invites E-Tenders against Tender No **2025377211841** Closing Date/Time 30/06/2025 10:30 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

Name of Work	Proposed Construction of E	Proposed Construction of Building for Drug storage in ICF Hospital.					
Bidding type	Normal Tender		'				
Tender Type	Open	Bidding System	Single Packet System				
Tender Closing Date Time	30/06/2025 10:30	Date Time Of Uploading Tender	24/05/2025 11:48				
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable				
Advertised Value	34059170.81	Tendering Section	CIVIL				
Bidding Style	Single Rate for Each Schedule	Bidding Unit					
Earnest Money (Rs.)	320300.00	Validity of Offer (Days)	60				
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months				
Contract Type	Works - General	Contract Category	Expenditure				
Bidding Start Date	16/06/2025		•				
Are JV allowed to bid	No	Number of JV Member Allowed	0				
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0				
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)				

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedu	e () A-Iten	ns covered	l under DS	SR 2021			22313548.35	Above/ Below/Par	
1	Please se	e Item Bre	akup for o	letails.	15523293.59	AT Par	15523293.59		
1	Descript	ion:- Drug	gs storage	(G.Floor 8	Second Floor)				
2	Please se	e Item Bre	akup for o	letails.	6790254.76	AT Par	6790254.76		
	Descript	ion:- Side	cabins fo	r Railway I	beneficiaries with U	IMID Card in	dicating Private wa	ird	
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedu	Schedule () B-Items covered under DSR 2021 (Supply of steel)						5988620.00	Above/ Below/Par	
1	Please see Item Breakup for details. 5020400.00 AT Par					AT Par	5020400.00		
1	Descript	Description:- Drugs storage (G.Floor & Second Floor)							
2	Please se	e Item Bre	akup for o	letails.	968220.00	AT Par	968220.00		
	Descript	ion:- Side	cabins fo	r Railway I	beneficiaries with U	IMID Card in	dicating Private wa	ırd	
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedu	e () C-Iten	ns not cov	ered unde	r DSR 202	1		777042.46	Above/ Below/Par	
1	Please se	e Item Bre	akup for o	letails.	751742.46	AT Par	751742.46		
1	Descript	ion:- Drug	gs storage	(G.Floor 8	Second Floor)				
2	Please se	e Item Bre	akup for o	letails.	25300.00	AT Par	25300.00		
	Descript	ion:- Side	cabins fo	r Railway l	beneficiaries with U	IMID Card in	dicating Private wa	ırd	
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedu	Schedule () D-Electrical items				4979960.00	Above/ Below/Par			

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1	Please see Item Breakup for details.	4979960.00	AT Par	4979960.00	
1	Description:- Electrical items				

3. ITEM BREAKUP

Schedule	Schedule A	A-Items covered under DSR 2021				
Item- 1		age (G.Floor & Second Floor)				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading,unloading and stacking				
	1.1.1	Lime, moorum, building rubbish				
1	1.1.1.5	5km	cum	280	217.16	60804.8
	2.0	EARTH WORK				
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
2	2.8.1	All kinds of soil.	cum	265	286.85	76015.25
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	75	253.95	19046.25
4	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.		11	2161.2	23773.2
5	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	:	100	14.5	1450
	2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.	:			
6	2.33.1	Beyond 30 cm girth upto and including 60 cm girth		2	439.25	878.5
7	2.33.2	Beyond 60 cm girth upto and including 120 cm girth		2	1957.15	3914.3
8	2.33.3	Beyond 120 cm girth upto and including 240 cm girth	Each	2	9084.05	18168.1
	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 :				
9	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)		21	7365.15	154668.15

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	T -	Terror	1	, ,		
10	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)		11	6326.05	69586.55
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
11	4.3.1	Foundations, footings, bases for columns	Sqm	30	307.95	9238.5
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
12	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	150	307.95	46192.5
13	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	575	766.55	440766.25
14	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	425	608.35	258548.75
15	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	575	804.25	462443.75
16	5.9.7	Stairs, (excluding landings) except spiral- staircases	Sqm	200	657.75	131550
	5.33S	DESIGN MIX CONCRETE				
	5.33	mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
17	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum		90	8683.8	781542
	5.33.2	All works above plinth level upto floor V level				
18	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum		220	10306.2	2267364
19	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.		100	688.45	68845
	6.0	MASONRY WORK				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
20	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	15	6658.25	99873.75
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	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
21	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	390	8288.35	3232456.5
	9.0	WOOD AND P.V.C. WORK		l l	<u> </u>	
	9.15	FRAMES AND TRUSSES				
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
22	9.1.1	Second class teak wood	cum	.15	131576.95	19736.54
	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:-Butt hinges and necessary screws shall be paid separately)				
	9.7.7	Float glass panes				
23	9.7.7.1	4 mm thick glass pane (weight not less than 10kg/sqm).	Sqm	42	1897.1	79678.2
	9.16	Providing and fixing 25 mm thick shutters for cup board etc. :				
	9.21	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
24	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws		8	2015.75	16126
25	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	,	8	401.4	3211.2
26	9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).		8	93.65	749.2
	9.40S	MISCELLANEOUS-WOOD WORK		1		
	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
27	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	1350	197.7	266895
28	9.53	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).		12	194.35	2332.2
	9.725	BRASS FITTINGS		ı		
	5.,25	2.0.00 11111100				

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	9.74	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :				
29	9.74.1	250x10 mm	Each	2	374.35	748.7
30	9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	=	2	723.8	1447.6
	9.81	Providing and fixing bright finished brass handles with screws etc. complete:				
31	9.81.1	125 mm	Each	4	205.1	820.4
32	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.		2	109.6	219.2
33	9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS: 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.		2	1025.65	2051.3
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
34	9.101.1	Single rubber stopper	Each	2	35.5	71
	9.105S	GYPSUM BOARD PARTITIONS				
	9.134	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:				

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	9.147B	Providing and fixing factory made uPVC white colour fixed glazed windows/ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineerin-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.				
	9.147B.1		C ====	15	7249.9	100740
35	5.17/0.1	Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 +/- 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.) Providing and fixing factory made uPVC	34	10	, 273.3	108748
	9.147D	white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.				

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36	9.147D.5	Three track three panels sliding window made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm)		42	9183.3	385698.6
	10.0	STEEL WORK				
37	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).		1500	612.25	918375
	11.0	FLOORING		1		
38	11.7	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.		10	7958.65	79586.5
	11.265	KOTA STONE FLOORING				
	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
39	11.26.1	25 mm thick	Sqm	200	1706.6	341320
40	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	·	100	2038.55	203855
	11.285	SAND STONE FLOORING				
41	11.31	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	Metre	540	157.35	84969
42	11.32	Extra for Kota stone/ sand stone in treads of steps and risers using single length up to 1.05 metre.		110	36.35	3998.5
	12.0	ROOFING				
	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 al 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 wal screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wal screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wal 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, al as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts				
		upto 150 mm on both sides of joint and two coats of primer suitable for board, al as per manufacturer's specification and also including the cost of making openings				
43	12.45.4	Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer-in-charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60	· 2	40	1483.15	59326
	13.0	FINISHING	1	1		
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.13	12 mm cement plaster of mix :				
44	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	2100	294.85	619185
45	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	2400	294.83	676800
	13.375	INTERIOR FINISHING	Jyiii	2400	202	070000
	13.375	White washing with lime to give an even shade:				
46	13.37.1	New work (three or more coats)	Sqm	5000	32.45	162250
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	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
47	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer		2100	162.55	341355
	13.445	EXTERIOR FINISHING				
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
48	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)		2400	162.35	389640
	13.50	Applying priming coat:				
49	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron, steel works	·	70	55.5	3885
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
50	13.61.1	Two or more coats on new work	Sqm	70	131.45	9201.5
	13.67	Varnishing with varnish of approved brand and manufacture :				
51	13.67.1	Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish		10	197.4	1974
	13.69	Polishing on wood work with ready mixed wax polish of approved brand and manufacture:				
52	13.69.1	New work	Sqm	10	164.15	1641.5
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	•			
53	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	5	2007.1	10035.5
	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-incharge.	= = 5			
54	15.7.4	In cement mortar	cum	5	1698.45	8492.25
55	15.58	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.		5	2328.55	11642.75
	16.0	ROAD WORK				
	16.495	MISCELLANEOUS				

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56	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achievethe desired density, complete as per specifications and directions of Engineer-in-Charge.		45	2803.65	126164.25
	20.0	PILE WORK				
	20.2	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap).				
57	20.2.1	450 mm dia piles	Metre	1100	1916.4	2108040
	20.6	Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchor piles method and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.				
	20.6.1	Single pile upto 50 tonne Safe capacity				
58	20.6.1.2	Routine test (Test Load 1.5 times the Safe		1	18463.55	18463.55
36		capacity)	Test			
	20.6.3	Group of two or more piles upto 50 tonne Safe capacity				
59	20.6.3.2	Routine test (Test Load 1.5 times the Safe capacity)	Each Test	1	38131.2	38131.2
	21.0	ALUMINIUM WORK				
	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately):				

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	101 1 1	End Construction	1			
	21.1.1	For fixed portion		1		
60	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	285	433.95	123675.75
	21.2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.				
61	21.2.1	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	Sqm	35	965.1	33778.5
	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
62	21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	Sqm	30	1019.8	30594
63	21.13	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.		2	449.55	899.1
	21.16	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge				
64	21.16.1	Anodized (AC 15) aluminium	Each	4	88.75	355
					Total	15523293.59
Item- 2	Side cabins	for Railway beneficiaries with UMID Card in	dicating P	rivate wa	rd	
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
1	5.9.3	Suspended floors, roofs, landings, balconies and access platform	·	310	766.55	237630.5
2	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	-	250	608.35	152087.5
3	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	,	310	804.25	249317.5
4	5.9.7	Stairs, (excluding landings) except spiral- staircases	Sqm	50	657.75	32887.5
	5.33S	DESIGN MIX CONCRETE				

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		T				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	F 22.2	All works above plinth level upto floor V				
	5.33.2	level		Г Г		
5	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	90	10306.2	927558
	6.0	MASONRY WORK				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
6	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	75	8288.35	621626.25
	6.12S	HALF BRICK MASONRY			1	
	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
7	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	810	1018.05	824620.5
8	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.		810	86.45	70024.5
	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.				
	8.2.3	Granite stone slab of all colour and texture except black, Cherry/Ruby red				
9	8.2.3.2	Area of slab over 0.50 sqm	Sqm	95	3301.45	313637.75

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	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.				
10	8.3.2	Granite work	Metre	50	418.85	20942.5
	8.205	STONE WORK DRY CLADDING				
11	8.31	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.		150	1063.45	159517.5
	9.0	WOOD AND P.V.C. WORK				
	9.15	FRAMES AND TRUSSES				
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
12	9.1.1	Second class teak wood	cum	.75	131576.95	98682.71
	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with but hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:-Butt hinges and necessary screws shall be paid separately)				
	9.7.7	Float glass panes	<u> </u>			
13	9.7.7.1	4 mm thick glass pane (weight not less than 10kg/sqm).		35	1897.1	66398.5
	9.16	Providing and fixing 25 mm thick shutters for cup board etc. :				
	9.21	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
14	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws		28	2015.75	56441
15	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).		28	401.4	11239.2
16	9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).		28	93.65	2622.2
	9.405	MISCELLANEOUS-WOOD WORK	<u> </u>	1		
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	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
17	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	6110	197.7	1207947
18	9.53	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).		66	194.35	12827.1
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete:				
19	9.96.2	250x16 mm	Each	11	234.9	2583.9
	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:				
20	9.97.3	200x10 mm	Each	5	90.8	454
21	9.97.4	150x10 mm	Each	10	75.55	755.5
22	9.97.5	100x10 mm	Each	20	58.65	1173
	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
23	9.100.1	125 mm	Each	8	60.05	480.4
24	9.100.2	100 mm	Each	20	53.25	1065
25	9.100.3	75 mm	Each	20	46.3	926
	9.101	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
26	9.101.1	Single rubber stopper	Each	14	35.5	497
	9.105S	GYPSUM BOARD PARTITIONS				
	9.118	Providing and fixing to existing door frames.				

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27	9.118.1	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (+/- 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (+/- 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (+/- 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multichambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (+/- 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	Sqm	20	1790.65	35813
28	9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with awall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer- in-Charge.	Metre	70	408.25	28577.5
	9.134	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:				

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	9.147B	Providing and fixing factory made uPVC white colour fixed glazed windows/ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.			
	9.147B.1	Fixed window / ventilator made of (small	Sam	5 7249.9	36249.5
29		series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 +/- 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.) Providing and fixing factory made uPVC			
	9.147D	white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.			

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9.14 30 11.0 11.3 11.3 11.4	0 37S 37	Three track three panels sliding window with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm). FLOORING CERAMIC GLAZED TILES Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, lvory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. VITRIFIED FLOOR TILES 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	Sqm	30	935.6	289278
11.3 11.3 31 11.4	375 37 415	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. VITRIFIED FLOOR TILES 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		30	935.6	28068
11.3	11S	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. VITRIFIED FLOOR TILES 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		30	935.6	28068
11.4	11S 11A	tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. VITRIFIED FLOOR TILES 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		30	935.6	28068
	11A	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				
11.4	11A	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				
11.4		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. Glazed Vitrified tiles Matt/Antiskid finish of				
11.4	11A.3 L	size				
		Size of Tile 600 x 600 mm	Sqm	280	1311.05	367094
12.0)	ROOFING				
12.4	10	Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately):				
12.4	1 1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
33 12.4	11.2	110 mm diameter	Metre	75	319.75	23981.25
12.4	12	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.				
12.4	12.5	Bend 87.5 degrees				
34 12.4	12.5.2	110 mm bend	Each	10	132	1320
12.4	12.6	Shoe (Plain)				
32 11.4 12.0	11A.3 11A.3.1 0 10	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. Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm ROOFING Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately): Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS:	Sqm	280	1311.05	367

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35	12.42.6.2	110 mm Shoe	Each	10	115.95	1159.5
	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement: 4 coarse sand) and making good the wall etc. complete.				
36	12.43.2	110 mm	Each	50	309.5	15475
37	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.		10	47.9	479
	13.0	FINISHING				
	13.15	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
38	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	170	294.85	50124.5
39	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	170	282	47940
	13.375	INTERIOR FINISHING				
	13.37	White washing with lime to give an even shade:				
40	13.37.1	New work (three or more coats)	Sqm	400	32.45	12980
	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
41	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer		170	162.55	27633.5
	13.445	EXTERIOR FINISHING				
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
42	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)	·	170	162.35	27599.5
	13.50	Applying priming coat:				
43	13.50.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)		30	61.45	1843.5
44	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	,	300	55.5	16650
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
45	13.61.1	Two or more coats on new work	Sqm	300	131.45	39435
	13.67	Varnishing with varnish of approved brand and manufacture :				
46	13.67.1	Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish		30	197.4	5922
	17.0	SANITARY INSTALLATIONS				
	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				

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47	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap		10	1679.6	16796
48	17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.		10	299.35	2993.5
49	17.22A	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-incharge.		10	886.25	8862.5
50	17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia		10	6119.15	61191.5
	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.2	Flexible pipe				
51	17.28.2.2	40 mm dia	Each	10	104.35	1043.5
	17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:				
52	17.32.2	Rectangular shape 453x357 mm	Each	10	1158.95	11589.5
	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
53	17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.		10	600.35	6003.5
54	17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.		10	13036.55	130365.5
	18.0	WATER SUPPLY				
	18.75	C.P.V.C. PIPES				
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in ChargeInternal work - Exposed on wall				
55	18.7.1	15 mm nominal dia Pipes	Metre	50	255.9	12795
56	18.7.2	20 mm nominal dia Pipes	Metre	50	325.1	16255
	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etcExternal work			•	
57	18.12.6	50 mm dia nominal bore	Metre	75	654.2	49065
	18.15S	BRASS FITTINGS	1	1		
		1	1			

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18.17 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 58 18.17.1 25 mm nominal bore Each 1 532.35 59 18.17.4 50 mm nominal bore Each 1 878.25 18.21 Providing and fixing uplasticised PVC connection pipe with brass unions: 18.22 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 60 18.22.1 100 mm diameter Each 10 166.35 18.315 C.I. SUICE VALVES/ FIRE HYDRANTS & FIXTURES Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately): 18.31.1 100 mm diameter Each 1 4500.25 18.31.1 100 mm diameter Each 1 4500.25	532.35 878.25 1663.5
18.17.1 25 mm nominal bore Each 1 532.35 18.17.4 50 mm nominal bore Each 1 878.25 18.21 Providing and fixing uplasticised PVC connection pipe with brass unions: 18.22 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 18.23 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 18.31 C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES	878.25 1663.5
18.17.4 50 mm nominal bore Each 1 878.25 18.21 Providing and fixing uplasticised PVC connection pipe with brass unions: 18.22 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 60 18.22.1 100 mm diameter Each 10 166.35 18.315 C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately): 18.31.1 100 mm diameter 61 18.31.1.2 Class II Each 1 4500.25 Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement: 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement: 5 fine sand: 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design: 62 18.33.1 With common burnt clay F.P.S.(non Each 1 10102.5 modular) bricks of class designation 7.5 18.48 Providing and placing on terrace (at all Litre floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	878.25 1663.5
18.21 Providing and fixing uplasticised PVC connection pipe with brass unions: 18.22 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet: 60 18.22.1 100 mm diameter Each 10 166.35 18.315 C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately): 18.31.1 100 mm diameter 61 18.31.1.2 Class II Each 1 4500.25 Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement: 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement: 5 fine sand: 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design: 62 18.33.1 With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	
18.22 Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:	
18.315 C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately): 18.31.1 100 mm diameter 61 18.31.1.2 Class II Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : 62 18.33.1 With common burnt clay F.P.S.(non modular) bricks of class designation 7.5 18.48 Providing and placing on terrace (at all Litre floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	
18.31 Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately): 18.31.1 100 mm diameter Each 1 4500.25	4500.25
18.31 cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately): 18.31.1 100 mm diameter 61 18.31.1.2 Class II Each 1 4500.25 Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : 62 18.33.1 With common burnt clay F.P.S.(non Each 1 10102.5 modular) bricks of class designation 7.5 18.48 Providing and placing on terrace (at all litre 6000 9.7 floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	4500.25
Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : 62 18.33.1 With common burnt clay F.P.S.(non Each 1 10102.5 modular) bricks of class designation 7.5 18.48 Providing and placing on terrace (at all Litre floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	4500.25
Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : 62 18.33.1 With common burnt clay F.P.S.(non modular) bricks of class designation 7.5 18.48 Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	4500.25
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18.48 Providing and placing on terrace (at all Litre 6000 9.7 floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the	10102.5
	58200
18.49S C.P. BRASS FITTINGS	
Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	
64 18.49.1 15 mm nominal bore Each 15 434.2	6513
Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.	
65 18.51.1 15 mm nominal bore Each 10 708.4	7084
Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	
66 18.52.1 15 mm nominal bore Each 10 594.75	5947.5
Providing and fixing C.P. brass angle valve 18.53 for basin mixer and geyser points of approved quality conforming to IS:8931	
67 18.53.1 15mm nominal bore Each 10 500.35	5003.5
18.53A Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	617
18.59S AIR VALVE & WATER METER (BULK TYPE)	

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	18.62	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.		· -1		
69	18.62.3	25 mm nominal bore, 152mm long, weighing not less than 440 gms		6	459.4	2756.4
70	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.		10	96.75	967.5
	18.68	Providing and laying D.I. specials of class K-12 suitable for push-on jointing as per IS : 9523 :				
71	18.68.1	Up to 600 mm dia	Quintal	1	17155.9	17155.9
	18.70	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and the cost of rubber gasket:				
72	18.70.1	100 mm dia pipes	Joint	25	96.15	2403.75
	18.72	Providing and laying S&S Centrifugally Cast (Spun) / Ductile Iron Pipes conforming to IS: 8329:				
73	18.72.1	100 mm dia Ductile Iron Class K-7 pipes	Metre	150	1121.1	168165
	18.75	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour.				
74	18.75.2	20 mm nominal bore, weighing not less than 40 gms	Each	3	76.5	229.5
75	18.78	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.		100	171.8	17180
	19.0	DRAINAGE		l l		
	19.4	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
	19.4.1	100x100 mm size P type				
76	19.4.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	5	2453.55	12267.75
	19.30	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement: 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement: 1.5 fine sand: 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 mix(1Cement:5 fine sand: 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:				
	19.30.2	Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets:				

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	Drugs stora	age (G.Floor & Second Floor) Description of Item	Unit	Qty	Rate	Amount
		(0.5)				
	Schedule C	C-Items not covered under DSR 2021				
C - l	C-1 1 1 - C	N			Total	968220.00
1	5.22.0	grade Fe-500D or more.	1,79	10000		
3	5.22.6	complete upto plinth level.	Kg	10800	89.65	968220
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all				
	5.22S	STEEL REINFORCEMENT				
	5.0	REINFORCED CEMENT CONCRETE				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		for Railway beneficiaries with UMID Card in				
					Total	5020400.00
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	56000	89.65	5020400
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22S	STEEL REINFORCEMENT				
	5.0	REINFORCED CEMENT CONCRETE				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		age (G.Floor & Second Floor)				
Schedule	Schedule P	B-Items covered under DSR 2021 (Supply of	steel)		. Jean	3,30234.70
		cutting and making good etc. complete.			Total	6790254.76
		for aluminium doors including necessary				
78		latch and lock with 6 levers without pair of handles (best make of approved quality)				
	21.13	Providing and fixing Brass 100mm mortice		11	449.55	4945.05
		of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately):				
		beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions				
		smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap				
	21.1	fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be				
		sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash				
		Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular				
	21.0	ALUMINIUM WORK				
		With common burnt clay F.P.S. (non modular) bricks of class designation 7.5				

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_	T -	<u> </u>		
1	10	Design and drawing of structures for Job	1.00 100000.00	100000.00
		Construction of Drug storage building		
		including detailed structural analysis as		
		per relevant BIS specifications to suit the		
		Integral Coach Factory, Chennai general		
		arrangement drawing - involving the		
		following activities. I. Design of Foundation		
		for above structures as per relevant BIS		
		specification according to the soil		
		investigation report approved by ICF. II.		
		Analysis of Steel structure to suit the		
		loading standard as per the extent		
		relevant codes and rules. III. General		
		arrangement drawings for foundation and		
		super structure and structural drawings to		
		the scale specified by the Engineer in		
		charge for all the above items showing the		
		detailing of all structural member		
		drawings showing reinforcement details		
		with quantities of Cement & Steel. V.		
		Minimum three types of architectural		
		elevation drawing shall be submitted for		
		approval etc. in a pen-drive of minimum		
		128 gb capacity. The design should be		
		certified as Safe & Economical and the		
		utility ratio/deflection should be to the		
		maximum allowable limits i.e utility ratio		
		shall be minimum 0.95 for either strength		
		or deflection requirements as per IS codes.		
		The cost shall include all labour and		
		materials, design structural analysis in		
		STAAD of latest version, all drawings in		
		CAD, submission of drawing as per the		
		design requirement in pen drive &		
		submission of 5 sets of drawing prints on		
		being approved by Railways and		
		encompassing all in CAD in a pendrive of		
		minimum 128GB capacity. Note:		
		Conceptual drawing for these items will be		
		supplied by INTEGRAL COACH FACTORY,		
		CHENNAI. The above design and drawing		
		prepared by agency have to be got proof		
		checked by reputed organization like		
		IIT/Anna University. The foundation and all		
		the substructure drawing including		
		flooring shall be jointly proof checked by		
		Structural and geo-technical Professors of		
		IIT/Anna university. The cost of proof		
		checking shall be borne by the tenderer.		

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2	12	Fabrication, supply and erection of Electrically functionable MS rolling shutter with MS lathe section, MS hood cover to cover the rolling shutter, specially designed MS pipe extension shaft rod with bracket for easy movement of shutter with Electrical motor with starter to operate electrically. The rolling shutter should be with Gear and Handle to operate in case of power failure. The detailed specification of both rolling shutter and Electrical motor are as follows: I. Specification of rolling Shutter: a. Material specification of Shutter- IS 6248. b. Size of lathe section - 1.22mm x 75mm (18 SWG) c. Size of hood cover - 1.2mm thick II.Specification of motor: a. Capacity - 1 HP b. Motor speed-1440RPM c Volt-440D d. Phase-III. The rate quoted shall be inclusive of contractor's materials, transportation, scaffolding, labour, tools and plant, lead and lift, taxes, One coat of primer and two coats of synthetic enamel paint etc. complete.	16.00	6969.00	111504.00
3	13	Exploratory drilling of boreholes down to required depth, drilling of 150 mm dia.boreholes in all type of soils excluding hard rock & large boulders (boulder core morethan 30cm) including refilling, reinstating surface and disposing off surplus materialincluding use of mechanical rigs with power operated winches as well as percussion/chiseling tool for advancing through occasional seams of hard strata to be employed, where necessary in dry / waterlog (working platform, pathways etc. area extra) area. The rate is also inclusive of breaking of concrete wherever required. Note: Termination depth of borehole to be decided as per site condition by the Engineer-in-Charge. Termination Criteria: Three Successive SPT N > 100 - For depths upto 10m	20.00	651.20	13024.00
4	14	Exploratory drilling of boreholes down to required depth, drilling of 150 mm dia.boreholes in all type of soils excluding hard rock & large boulders (boulder core morethan 30cm) including refilling, reinstating surface and disposing off surplus materialincluding use of mechanical rigs with power operated winches as well as percussion/chiseling tool for advancing through occasional seams of hard strata to be employed, where necessary in dry / waterlog (working platform, pathways etc. area extra) area.Note: Termination depth of borehole to be decided as per site condition by the Engineer-in-Charge. Termination Criteria: Three Successive SPT N > 100 for depths 10 15m	10.00	742.37	7423.70

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5	15	Exploratory drilling of boreholes down to required depth, drilling of 150 mm dia.boreholes in all type of soils excluding hard rock & large boulders (boulder core more than 30cm) including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion/chiseling to ol for advancing through occasional seams of hard strata to be employed, where necessary in dry / waterlog (working platform, pathways etc. area extra) area.Note: Termination depth of borehole to be decided as per site condition by the Engineer-in-Charge. Termination Criteria: Three Successive SPT N > 100 for depths 15 20m	10.00	880.43	8804.30
6	16	Exploratory drilling of boreholes down to required depth, drilling of 150 mm dia.boreholes in all type of soils excluding hard rock & large boulders (boulder core morethan 30cm) including refilling, reinstating surface and disposing off surplus materialincluding use of mechanical rigs with power operated winches as well as percussion/chiseling to o I for advancing through occasional seams of hard strata to be employed, where necessary in dry / waterlog (working platform, pathways etc. area extra) area.Note: Termination depth of borehole to be decided as per site condition by the Engineer-in-Charge. Termination Criteria: Three Successive SPT N > 100 for depths above 20m	5.00	997.64	4988.20
7	17	Exploratory drilling of boreholes down to required depth, drilling of 150 mm dia.boreholes in all type of soils excluding hard rock & large boulders (boulder core morethan 30cm) including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion/chiseling to ol for advancing through occasional seams of hard strata to be employed, where necessary in dry / waterlog (working platform, pathways etc. area extra) area.Note: Termination depth of borehole to be decided as per site condition by theEngineer-in-Charge. Termination Criteria: Three Successive SPT N > 100 - ForDrilling through hard strata rocky formation using NX TC and Diamond Bit core barrelswhere soil drilling cutters can't progress quickly or heavy vibration is encountered	2.00	2969.49	5938.98

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
Item- 2		for Railway beneficiaries with UMID Card in				A
Item 2	Side cabine	for Railway honoficiaries with LIMID Card in	dicating D	rivate wa		
					Total	751742.46
		lift, tools and plant, taxes etc complete				
		of all material, labour, transportation, lead,				
		charge. The rate quoted shall be inclusive				
		complete and as directed by Engineer in				
		taxes and other incidental charges etc.,				
		lifting to open terrace, laying and finishing,				
		cost of all materials, labour charges for				
		with standared specifications including				
		base concrete etc., complete complying				
		grouting acrylic salin based liquid with out				
		Zycosil oil (200gm for 1000 sq.ft.) after				
		silicon powder and polymer additives (20 kg for 1000 sq.ft.) and joint pointed with				
		mortar 1:3 mixed with white cement,				
		liquid) and top grouting with cement				
		should be dipped with salin based nano				
		for 1000 sq.ft. (before laying tiles, the tiles				
		with calcium based mineral powder (60kg				
		quality laid in cement mortar 1:3 mixed				
		305mmx305mmx 7mm thick of approved				
		proof and cool roof tiles of size				
		course of solor reflective water proof, heat				
10	20	Finishing the top of Terrace floor with one		300.00	1526.00	457800.00
		finished neat upto floor two level				
		mortar 1:3 (1 cement : 3 fine sand) and				
		cement, over 12mm layer of cement				
		water proofing compound by weight of				
		: 3 fine sand) mixed with 2% integral				
		grouted with cement mortar 1:3 (1 cement				
		flat brick tiles of class designation 10				
		treatment complete and covered with FPS				
		rammed and finished with gur and belgiri				
		lime mortar 1:2 (1 lime putty : 2 surkhi)				
		nominal size brick aggregate and 50%				
		thickness 10cm laid to fall with 25mm				
9	19	Lime concrete terracing on roofs, average	cum	30.00	1169.00	35070.00
		tests on clay soils in the top 3-M				
		tests on UDS samples, free swell index				
		for Undrain shear strength, bulk density				
		penetrometer tests on clay UDS samples				
		Liquid limits on fine grain soils, torvane &				
		Analysison coarse grains soils. Plastic and				
		collected soil samples perform NMC, Sieve				
		as directed by the Engineer-in-Charge. On-				
		of excavated soil for filling purposes etc.,				
		depth to suit loading conditions, suitability				
		cast-in-situ pile of different diameters and				
		soil at various depths, Capacity of Bored				
		foundation for the required loading. SBC of				
		Engineer like suitability of type of				
		recommendations of Geotechnical				
		showing all test results, and				
		The detailed soil Investigation report				
		Samples shall be collected as per IS: 2720.				
		transporting the samples to laboratory.				
		tight containers with proper labeling, and				
		holes should be collected in suitable air				
		collected. Collected soil samples from bore				
		Undisturbed Soil Samples should be				
		450 mm long or any suitable length				
		(SPT "N"between 4 and 15) 100 mm dia.				
		in charge. In case of Soft to Stiff Clays				
		beyond 20-M as directed by the Engineer				
		interval from 10-to 20-M; at 2-M interval				
		at 1-M interval in top 10-M; at 1.5-M				
		(SPT) as per IS: 2131 should be performed				
		In the borings Standard Penetration Test		2.00	3594.64	

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1	1	Supplying and laying of UPVC pipes, 10 kgf/sq.cm. working pressure conforming to IS 4985 including specials as required,wall clips and jointing with contractors jointing materials, etc.(above Ground Level) Supplying and laying of UPVC pipes, 10 kgf/sq.cm. working pressure conforming to IS 4985 of FINOLEX, PRINCE or similar make with necessary specials like PVC Elbow, Coupling etc., as required at site ,wall clips and jointing with contractors jointing materials, etc.(above Ground Level). The rate quoted shall be inclusive of Contractors material, labour, transportation, lead, lift, tools and plant, taxes etc complete a) 32mm		100.00	153.00	15300.00
2	2	Supplying and laying of UPVC pipes, 10 kgf/sq.cm. working pressure conforming to IS 4985 including specials as required,wall clips and jointing with contractors jointing materials, etc.(above Ground Level) Supplying and laying of UPVC pipes, 10 kgf/sq.cm. working pressure conforming to IS 4985 of FINOLEX, PRINCE or similar make with necessary specials like PVC Elbow, Coupling etc., as required at site ,wall clips and jointing with contractors jointing materials, etc.(above Ground Level). The rate quoted shall be inclusive of Contractors material, labour, transportation, lead, lift, tools and plant, taxes etc complete 50mm dia		50.00	200.00	10000.00
		caxes etc complete. Somm did			Total	25300.00
Calcada						
schedule	Schedule D	0-Electrical items				
Item- 1	Schedule E Electrical it					
		Description of Item	Unit	Qty	Rate	Amount
Item- 1	Electrical it	Description of Item Supply, installation, testing and commissioning of Microprocessor based LT ACB Panel 1600 Amps with relays for O/L, S/C & E/F Protection with top connecting copper bus-bars/Links of 3200 Amps with motorized spring charging mechanism, Cable Chamber, LED Indication, Ammeter, Multifunction meter with necessary hardware components for SCADA	Numbers		Rate 225000.00	Amount 225000.00
Item- 1 S No.	Electrical it	Description of Item Supply, installation, testing and commissioning of Microprocessor based LT ACB Panel 1600 Amps with relays for O/L, S/C & E/F Protection with top connecting copper bus-bars/Links of 3200 Amps with motorized spring charging mechanism, Cable Chamber, LED Indication, Ammeter, Multifunction meter with necessary	Numbers	1.00		
Item-1 S No.	Electrical it Item No 1	Supply, installation, testing and commissioning of Microprocessor based LT ACB Panel 1600 Amps with relays for O/L, S/C & E/F Protection with top connecting copper bus-bars/Links of 3200 Amps with motorized spring charging mechanism, Cable Chamber, LED Indication, Ammeter, Multifunction meter with necessary hardware components for SCADA compatibility as per Specification Design, Fabrication, supply & Erection of Floor Mounting Cubicle Type 7 Way MDB Board made out of 14/16 SWG CRCA Sheet Steel enclosure consisting of copper busbar cable chamber, Earthing and Powder coated Painting with the following incoming and outgoing as below:Incoming:- 400 Amps HRC Fuse &Fuse base holder - 02 Sets. Outgoing:- 100 Amps HRC Fuse &Fuse base holder - 05	Numbers Numbers	1.00	225000.00	225000.00
Item-1 S No. 1	Electrical if Item No 1	Supply, installation, testing and commissioning of Microprocessor based LT ACB Panel 1600 Amps with relays for O/L, S/C & E/F Protection with top connecting copper bus-bars/Links of 3200 Amps with motorized spring charging mechanism, Cable Chamber, LED Indication, Ammeter, Multifunction meter with necessary hardware components for SCADA compatibility as per Specification Design, Fabrication, supply & Erection of Floor Mounting Cubicle Type 7 Way MDB Board made out of 14/16 SWG CRCA Sheet Steel enclosure consisting of copper busbar cable chamber, Earthing and Powder coated Painting with the following incoming: 400 Amps HRC Fuse &Fuse base holder - 02 Sets. Outgoing: 100 Amps HRC Fuse &Fuse base holder - 05 Sets. as Per specification. Removal of MDB/ SDB including cable termination and handing over to ICF stores/ scrap yard including transportation	Numbers	2.00	110220.00	225000.00

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6	6	Supply & End termination of UG AI cable 3.5/4 Core, 240/300 Sq.mm. with all required items like proper glands and crimping sockets, hardware, crimping paste, etc., as per ICF Specification		40.00	768.00	30720.00
7	7	Supply & End termination of UG AI cable 3.5/4 Core, Upto 50 Sq.mm. with all required items like proper glands and crimping sockets, hardware, crimping paste, etc., as per ICF Specification		40.00	370.00	14800.00
8	9	Supply & erection of end termination of copper cable 10/16 sq.mm with all arequired items like proper glands and crimping sockets, hardware crimpling paste etc., as per ICF specification		20.00	65.00	1300.00
9	10	Supply & Erection of 8 way SMDB with incomer of 400A TPN 36KA Thermal magnetic release MCCB-1 No and outgoing as 100A TP 25KA MCCBs - 7 Nos along with required metering box fitted with 3 nos 96 x 96 Digital Ammeter for individual phases and 1 no 96x96mm 3 phase Digital Volt meter and 1 No Selector switch and provision of left & right side cable end boxes & 4 nos corner filler boxes and base mounting assembly to be provided at bottom and RYB indication with required CTs and necessary wiring for Meters, Lamps, CTs, Complete set as per specification		1.00	196267.00	196267.00
10	11	Supply & erection of LT Modular type 3 phase DB Panel consisting of 1. 63A, MCB 4 Pole as Incomer- 1No. 2. 100mA. 63A RCCB - 1No. 3. 63A, 3 Phase selector switch - 3 Nos. 4. 40A Double pole MCB - 3 Nos. 5. 30mA.40A RCCB - 3Nos. 6. 30 Nos. of 10A/16A/20A SP MCB's for R, Y, B & N and necessary termination with suitable copper wires etc., as per ICF Specification.		5.00	67410.00	337050.00
11	12	Supply, erection & commissioning of 12 way SPN MCB DB with 1 No. of 40A Double pole MCB as incomer, 30mA, 40A, RCCB - 1No and 8 nos. of 20A/10A/16A, single pole MCB as per ICF Specification		2.00	11043.00	22086.00
12	13	Supply & erection of M.S. terminal Box (as per drawing ICF/EL- 1285) as per ICF Specification		3.00	358.00	1074.00
13	14	Supply & Erection of 3 Phase, LT Modular type, 4 Way Phase Segregation DB panel with Consisting of Incomer 1). 63A, 4 Pole, MCB - 1 Nos, Outgoing 2). 40A, 2 Pole, MCB - 6 Nos as per ICF Specification.			23010.00	115050.00
14	17	Supply of 18W (4ft) LED Tube light Luminaire & Batten as per specification.	Numbers	130.00	488.00	63440.00
15	18	Fixing of 18W LED Tube light Luminaire & Batten as per specification.	Numbers	130.00	39.00	5070.00
16	19	Supply & Fixing of 9/11 LED Mirror light Fitting as per specification.	Numbers	12.00	441.00	5292.00
17	20	Supply of 45W LED Street light fitting with IP 66 protection along with lens as per Specification		8.00	3053.00	24424.00
18	21	Fixing, Testing & commissioning of 45W LED Street light Fitting as per specification		8.00	190.00	1520.00
19	22	Supply and fixing of 4W LED Lamp as per specification	Numbers	12.00	60.00	720.00
20	23	Supply & fixing of Reading lamp as per specification	Numbers	9.00	1200.00	10800.00

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24			42.00	2034.00	85428.00
25	Supply & erection of 2x36 W 4ft LED fitting as per specification	Numbers	80.00	620.00	49600.00
26	Supply & fixing of 18 W Round LED Light for false ceiling fixing as per specification	Numbers	12.00	1600.00	19200.00
27	Supply & fixing of Surface mount 18W Round Light	Numbers	5.00	1800.00	9000.00
28	Supply and fixing of 10W LED type Bulkhead fitting as per ICF specification	Numbers	18.00	851.00	15318.00
30		Numbers	30.00	2793.00	83790.00
31	Supply & erection of 25 Ltrs. Geyser as per ICF Specification	Numbers	12.00	14415.00	172980.00
32	Supply & Fixing of Modular Type calling bell as per specification	Numbers	9.00	729.00	6561.00
33	I		10.00	5500.00	55000.00
34	front plate suitable of 20A SP MCB - 1 no,		31.00	760.00	23560.00
35	front plate for Modular Switch Box and all		22.00	545.00	11990.00
36	front plate for Modular Switch Box and all		22.00	450.00	9900.00
37	front plate for Modular Switch Box and all		26.00	365.00	9490.00
38	front plate for Modular Switch Box and all		77.00	290.00	22330.00
39	front plate for Modular Switch Box and all		14.00	225.00	3150.00
40	front plate for Modular Switch Box and all		40.00	195.00	7800.00
41	front plate for Modular Switch Box and all		12.00	155.00	1860.00
42			535.00	27.00	14445.00
43			99.00	48.00	4752.00
44			137.00	61.00	8357.00
45	Supply, fixing & connection of 16A Modular Switch in the existing modular switch box as per specification	Numbers	140.00	68.00	9520.00
	25 26 27 28 30 31 32 33 34 35 36 37 38 39 40 41	recessed mounting LED fitting as per specification 25 Supply & erection of 2x36 W 4ft LED fitting as per specification 26 Supply & fixing of 18 W Round LED Light for false ceiling fixing as per specification 27 Supply & fixing of Surface mount 18W Round Light 28 Supply and fixing of 10W LED type Bulkhead fitting as per ICF specification 30 Supply, erection & Testing of 250mm (10") sweep Heavy duty BLDC Exhaust Fan as per ICF Specification 31 Supply & erection of 25 Ltrs. Geyser as per ICF Specification 32 Supply & Fixing of Modular Type calling bell as per specification 33 Supply & erection of 25 Ltrs. Geyser as per ICF Specification 34 Supply & erection of Panel for calling bell indication for hospital use as per specification 35 Supply & Erection of 3 module box with front plate suitable of 20A SP MCB - 1 no, 16A socket-1 no (for AC) as per specification 35 Supply & Fixing of 16 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 36 Supply & Fixing of 12 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 37 Supply & Fixing of 8 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 38 Supply & Fixing of 6 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 39 Supply & Fixing of 4 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply & Fixing of 2 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply & Fixing of 3 Module GI Box with front plate for Modular Switch Box and all other required sub-assemblies as per specification 41 Supply, fixing & connection of 6A Modular switch box as per specification 42 Supply, fixing & connection of 6A Modular Switch in the existing modular switch box as per specification 43 Supply,	recessed mounting LED fitting as per specification Supply & erection of 2x36 W 4ft LED fitting Numbers as per specification 26 Supply & fixing of 18 W Round LED Light Numbers for false ceiling fixing as per specification 27 Supply & fixing of Surface mount 18W Numbers Round Light 28 Supply and fixing of 10W LED type Numbers Bulkhead fitting as per ICF specification 30 Supply, erection & Testing of 250mm (10") Numbers sweep Heavy duty BLDC Exhaust Fan as per ICF Specification 31 Supply & erection of 25 Ltrs. Geyser as per Numbers ICF Specification 32 Supply & Fixing of Modular Type calling Numbers bell as per specification 33 Supply & erection of Panel for calling bell Numbers indication for hospital use as per specification 34 Supply & Fixing of 10 Module Dead with Numbers front plate suitable of 20A SP MCB - 1 no, 16A socket-1 no (for AC) as per specification 35 Supply & Fixing of 16 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 36 Supply & Fixing of 12 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification. 37 Supply & Fixing of 8 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification. 38 Supply & Fixing of 8 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 39 Supply & Fixing of 6 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply & Fixing of 12 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply & Fixing of 2 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 41 Supply & Fixing of 3 Module GI Box with Numbers witch box as per specification 42 Supply, fixing & connection of 6A Modular Numbers	recessed mounting LED fitting as per specification 25 Supply & erection of 2x36 W 4ft LED fitting Numbers as per specification 26 Supply & fixing of 18 W Round LED Light Numbers for false ceiling fixing as per specification 27 Supply & fixing of Surface mount 18W Numbers Round Light 28 Supply and fixing of 10W LED type Numbers Bulkhead fitting as per ICF specification 30 Supply, erection & Testing of 250mm (10") Numbers sweep Heavy duty BLDC Exhaust Fan as per ICF Specification 31 Supply & erection of 75 Ltrs. Geyser as per Numbers ICF Specification 32 Supply & Fixing of Modular Type calling Numbers bell as per specification 33 Supply & erection of 25 Ltrs. Geyser as per Numbers ICF Specification 34 Supply & erection of Panel for calling bell Numbers bell as per specification 35 Supply & erection of Panel for calling bell Numbers indication for hospital use as per specification 36 Supply & Erection of 3 module box with Numbers front plate suitable of 20A SP MCB - 1 no. 16A socket-1 no (for AC) as per specification 37 Supply & Fixing of 16 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 38 Supply & Fixing of 12 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification. 39 Supply & Fixing of 8 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification. 39 Supply & Fixing of 4 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 39 Supply & Fixing of 10 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply & Fixing of 2 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply & Fixing of 2 Module GI Box with Numbers front plate for Modular Switch Box and all other required sub-assemblies	recessed mounting LED fitting as per specification 25 Supply & erection of 2x36 W 4ft LED fitting Numbers 80.00 620.00 as per specification 26 Supply & fixing of 18 W Round LED Light Numbers 12.00 1600.00 for false ceiling fixing as per specification 27 Supply & fixing of Surface mount 18W Numbers 5.00 1800.00 Round Light 28 Supply and fixing of 10W LED type Numbers 18.00 851.00 Supply, erection & Testing of 250mm (10") Numbers 30.00 2793.00 sweep Heavy duty BLDC Exhaust Fan as per ICF Specification 30 Supply, erection & Testing of 250mm (10") Numbers 30.00 2793.00 sweep Heavy duty BLDC Exhaust Fan as per ICF Specification 31 Supply & Fixing of Modular Type calling Numbers 12.00 14415.00 ICF Specification 32 Supply & Fixing of Modular Type calling Numbers 9.00 729.00 bell as per specification 33 Supply & Fixing of Modular Type calling Numbers 10.00 5500.00 indication for hospital use as per specification or 10 for AC) as per specification 34 Supply & Fixing of 16 Module Gl Box with Numbers 31.00 760.00 front plate suitable of 20A SP MCB - 1 no. 16A socket-1 no (for AC) as per specification 35 Supply & Fixing of 16 Module Gl Box with Numbers 122.00 545.00 front plate for Modular Switch Box and all other required sub-assemblies as per specification 36 Supply & Fixing of 12 Module Gl Box with Numbers 122.00 450.00 front plate for Modular Switch Box and all other required sub-assemblies as per specification 37 Supply & Fixing of 8 Module Gl Box with Numbers 122.00 450.00 front plate for Modular Switch Box and all other required sub-assemblies as per specification 38 Supply & Fixing of 8 Module Gl Box with Numbers 14.00 225.00 front plate for Modular Switch Box and all other required sub-assemblies as per specification 39 Supply & Fixing of 3 Module Gl Box with Numbers 14.00 195.00 front plate for Modular Switch Box and all other required sub-assemblies as per specification 40 Supply, & Fixing of 2 Module Gl Box with Numbers 14.00 195.00 front plate for Modular Switch Box and all other required sub-as

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42	46	Supply, fixing & connection of 16A Modular Socket in the existing modular switch box as per specification		186.00	118.00	21948.00
43	47	Supply, fixing & connection of 1 Module Fan Regulator as per specification	Numbers	59.00	198.00	11682.00
44	48	Supply & laying of 40mm dia PVC pipe as per specification	Metre	200.00	95.00	19000.00
45	49	Supply & Running of 3 Runs of 1.5 sq.mm PVC FRLS copper cable (Red, Black, Green) in 1" PVC conduit/ Casing capping and accessories duly Fixing the conduit in the wall using Hard wares. Contractor scope of supply includes PVC conduit, PVC cable, PVC accessories, hardware etc., (One span Shall consist of one meter length of 3 runs of single core 1.5 Sq.mm FRLS copper cable, PVC pipe., PVC accessories and hardware etc.,)	Span	5500.00	91.00	500500.00
46	50	Supply & Running of 2 Runs of 2.5 Sq.mm and 1 Run of 1.5 sq.mm PVC FRLS copper cable (Red, Black, Green) in 1" PVC conduit/ Casing capping and accessories duly Fixing the conduit in the wall using Hard wares. Contractor scope of supply includes PVC conduit, PVC cable, PVC accessories, hardware etc., (One span Shall consist of one meter length of 2 runs of single core 2.5 Sq.mm & 1 run of single core 1.5 Sq.mm FRLS copper cable, PVC pipe., PVC accessories and hardware etc.,)	Span	2200.00	97.00	213400.00
47	51	Supply & Running of 2 Runs of 4.0 Sq.mm and 1 Run of 1.5 sq.mm PVC FRLS copper cable (Red, Black, Green) in 1" PVC conduit/ Casing capping and accessories duly Fixing the conduit in the wall using Hard wares. Contractor scope of supply includes PVC conduit, PVC cable, PVC accessories, hardware etc., (One span Shall consist of one meter length of 2 runs of single core 4.0 Sq.mm & 1 run of single core 1.5 Sq.mm FRLS copper cable, PVC pipe., PVC accessories and hardware etc.,)	Span	2500.00	133.00	332500.00
48	52	Supply & laying of 4 core, 10 sq.mm armored copper cable as per Specification	Metre	300.00	971.00	291300.00
49	53	Supply, Erection, Testing & commissioning of Earthing Electrode to Drg No. ICF/EL/1289 inclusive of supply of all reqd. materials like 50 mm dia pipe, copper strip of size 25X3 mm, all reqd. hardware and all other materials etc., as per Specification		8.00	4515.00	36120.00
50	54	Supply of 25x3 mm GI strip for earthing as per ICF specification	Metre	50.00	72.00	3600.00
51	55	Fixing/ Laying of GI strip of size up to 50x6 mm in the trays/ pillars with required GI brackets and GI hardware as per ICF specification (Brackets and hardware forms contractor's scope of supply)		50.00	43.00	2150.00
52	56	Supply & laying of 8 SWG copper wire as per specification	Metre	60.00	623.00	37380.00
53	57	Chasing of Wall to conceal 1"/075"/0.5 inch PVC/MS conduits and plastering with cement mortar, painting etc., to match with adjacent surfaces as per Specification.		4000.00	63.00	252000.00

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	•				Total	4979960.00
68	77	Supply & installation of 1" Rigid PVC Conduit with all accessories duly inserting the telephone & Cat 6 cable as epr specification		300.00	43.00	12900.00
67	76	Supply & installation of Dual I/O Face plate with IO Jack CAT6 as per specification				54900.00
66	75	Supply and fixing of 2M Metal Box, Surface Plate with 2 nos. Telephone Socket (RJ-11) as per specification				23600.00
65	74	Supply & Mounting of KRONE make 20 pair outdoor connection box with 10 pair LSA Disconnection modules, back mounting frame, Label holder (complete set) as per specification				17500.00
64	73	Supply & Mounting of KRONE make 100 pair outdoor connection box with 10 pair LSA Disconnection modules, back mounting frame, Label holder (complete set) as per specification			5900.00	11800.00
63	72	Supply & Mounting of KRONE make 50 pair outdoor connection box with 10 pair LSA Disconnection modules, back mounting frame, Label holder (complete set) as per specification		2.00	4288.00	8576.00
62	70	OFC splicing and termination as per specification	Metre	300.00	207.00	62100.00
61	69	Laying of OFC with HDPE pipe as per specification	Metre	1000.00	40.00	40000.00
60	66	Laying of 50 pair armored UG Telephone cable in tray as per specification	Metre	1000.00	70.00	70000.00
59	65	Laying of 50 pair armored UG Telephone cable in Open trench as per specification	Metre	1000.00	425.00	425000.00
58	63	Supply & laying of 20 pair armored UG Telephone cable in open trench as per ICF specification		2000.00	198.00	396000.00
57	62	Supply & laying of 10 pair UG Telephone cable in open trench as per ICF specification		1000.00	106.00	106000.00
56	60	Breaking & redoing of concrete portion of using contractor's own materials as per ICF specification		10.00	3403.00	34030.00
55	59	Chasing of wall to conceal switch boxes/MCB DB's above 300 x 300 mm size and plastering with cement mortar, painting etc., to match with adjacent surfaces as per Specification		15.00	258.00	3870.00
54	58	Chasing of wall to conceal swtich boxes/MCB DB's up to 300x300 mm size and plastering with cement morter, painting etc., to match with adjacent surfaces as per specificaion		200.00	139.00	27800.00

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation	Remarks	Documents
		Required	Allowed	Uploading

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1	The tenderer must have minimum average annual contractual turnover of "V/N" or 'V' which ever is less, where V= Advertised value of the tender in crores of Rupees N= Number ofyears prescribed for completion ofwork for which bids have been invited. The average annual contractual tumover shall be calculated as an average of 'total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, tho audited balance sheet of the fourth previous year shall be considered for calculating average annual bontractual turnover. The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	INIO	Allowed (Mandatory)
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Standard Technical Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender. Note for Item 10.1: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Construction of Building with Pile foundation	No	No	Not Allowed

Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:

S.No.	Description			
1	l/we the tenderer (s) am/are signing this document after carefully reading the contents.			
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.			
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any si.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with railway Administration shall be final and binding upon me/us.			
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.			
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.			
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.			
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.			
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.			

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I/we also understand that if the contents of the certificate submitted by us are found to be false/forged time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Security/Security Deposit and Performance guarantee and may also lead to any other action provided contract including banning of business for a period of upto two year.		
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)	

Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.

S.No.	Description		
Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Part			
	(LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given		
1	below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format		
	other than the prescribed format shall lead to summary rejection of your offer.		
	(Click here to download the Format of Self Certification)		

5. COMPLIANCE

Commercial-Compliance

S.No.	•	Confirmation Required		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	VAC	Allowed (Optional)

Special Conditions

S.No.	Description	Confirmation Required		Documents Uploading
1	Electrical license: The tenderer should engage license holder, who possess valid contractor license of "ESB/EB" grade and C grade for medium voltage works or higher grade issued by Tamil Nadu State or any other state for executing the Electrical works. The tenderer should submit documentary proof on the above before commencing electrical works to DY.CEE/M/ICF and get his approval.		No	Not Allowed
2	The successful tenderer shall prepare electrical schematic drawing of Building and submit for approval to Dy.CEE/M well in advance of starting electrical work		No	Not Allowed
3	SPECIAL CONDITION FOR GST-•The details of supply of Goods & Services are subject to GST rules applicable with effect from 01.07.2017.		No	Not Allowed
4	Special Conditions for GST-All the Tenderers are requested to submit their "GSTIN" registration numbers at the time of tendering or at the time of submitting their invoice without which, payment will not be made.		No	Not Allowed
5	The materials should be supplied as per the approved make list mentioned in the tender document	No	No	Not Allowed

Technical-Compliances

S.No.	•	Confirmation Required		Documents Uploading
1	Please furnish Statement of works on hand	Yes	I/I/O	Allowed (Mandatory)
2	Please furnish list of plant and Machinery available on hand own and proposed to be inducted own and hired to be given separately for the subject work.	Yes	(Marida	
3	Please furnish list of personal, organization available on hand and proposed tobe engaged for the subject work.	Yes	NO	Allowed (Mandatory)

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4	Please furnish list of Works completed in last three financial years giving Description of Work, Organization for whom executed, approximate value of contract at time of award, Date of award and Date of Completion. Date of actual Start, Actual Completion and Final value of Contract	Yes	INA	Allowed (Mandatory)
5	All documents related to Partnership deed/Joint venture/ Consortium/ MOU, duly signed by the notary public, should be uploaded at the time of submission of bid failing which offer will be summarily rejected.		YAC	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required		Documents Uploading
1	$\ensuremath{I}/\ensuremath{We}$ have visited the works site and \ensuremath{I} / \ensuremath{We} am / are aware of the site conditions.	No	No	Not Allowed
2	I/We have read the various conditions to tender attached hereto and agree to abide by the said conditions	No	No	Not Allowed
3	Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.		No	Not Allowed
4	I/We also hereby agree to abide by the Indian Railways Standard General Conditions Of Contract, with all correction slips upto the date of tender opening and to carry out the work according to the Special Conditions of Contract and Specifications of materials and works as laid down by Railway in the annexed Special Conditions/Specifications, Schedule of Rates with all correction slips up to date for the present contract.	No	No	Not Allowed
5	I/We offer to do the work for Indian Railways, at the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within the period of completion stipulated in the tender document, from the date of issue of letter of acceptance of the tender. The amount as stipulated in the tender document is herewith forwarded as Earnest Money. Full value of the earnest Money shall stand forfeited without prejudice to any other right or remedies in case my/our Tender is accepted and if: (a)I/We do not execute the contract documents as stipulated in performance guarantee clause of GCC as detailed in general instructions. (b)I/We do not commence the work within seven days after receipt of orders to that effect.	No	No	Not Allowed
6	I/We hereby Confirm that the rates, rebates and/or other financial terms, if any, quoted by us in the relevant fields of the Financial Bid page will only be the ruling terms for deciding the inter-se ranking, and any such condition having financial repercussions, if quoted by us anywhere else including attached documents shall not be considered for deciding inter-se ranking. However, Railways shall have the right to incorporate any such condition quoted by us, in the contract, at their discretion, if contract is placed on us.	No	No	Not Allowed
7	I/We have read the various conditions attached/ referred to in this tender document, and agree to abide by the said conditions.		No	Not Allowed
8	I/We also agree to keep this tender open for acceptance for a period as mentioned in the tender document	No	No	Not Allowed
9	This tender complies with Public Procurement Policy Order -2017 dated 15.06.17	No	No	Not Allowed
10	The salaries / wages to your staff /workers/ labourers should be disbursed only through Banks and the proof for the same ie. The Bank pass books in the name of your staff / workers/ labourers should be submitted to this office for verification. This arrangement should be done with immediate effect.	No	No	Not Allowed
11	I/We agreed to supply the materials as per the makes specified under "Civil Engineering materials makes list"	No	No	Not Allowed
12	I agree to supply the material as per the approved make list mentioned in the tender document.	No	No	Not Allowed

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13	A.Contractor is to abide by the provisions of Payment of Wages act & Minimum Wages act in terms of clause 54 and 55 of Indian Railways General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in' . Contractor shall register his firm/Company etc. and upload requisite details of labour and their payment in this portal. These details shall be available in public domain. The Registration / Updation of portal shall be done as under: (a) Contractor shall apply for onetime registration of his company/firm etc. in the shramikkalyan portal with requisite details subsequent to issue of Letter of Acceptance. Engineer shall approve the contractor's registration on the portal within 7 days of receipt of such request. (b) Contractor once approved by any Engineer, can create password with Login ID (PAN No.) for subsequent use of Portal for all LoAs issued in his favour. (c) The contractor once registered on the portal, shall provide details of his Letter of Acceptances (LoA) / Contract Agreements on shramikkalyan portal within 15 days of issue of any LoA for approval of concerned engineer. Engineer shall update (if required) and approve the details of LoA filled by contractor within 7 days of receipt of such request. (d) After approval of LoA by Engineer, contractor shall fill the salient details of contract labours engaged in the contract and ensure updating of each wage payment to them on shramikkalyan portal on monthly basis. (e) It shall be mandatory upon the contractor to ensure correct and prompt uploading of all salient details of engaged contractual labour& payments made thereof after each wage period. B. While processing payment of any 'On account bill' or 'Final bill' or release of 'Advances' or 'Performance Guarantee / Security Deposit', contractor shall submit a certificate to the Engineer or Engineer's representatives that "I have uploaded the correct details of contract labours engaged in connection with this contrac	No	No	Not Allowed
14	I have understood that there is an option to take payment through Letter of credit from Indian Railways	No	No	Not Allowed
15	I/We agree to engage police verified labourers/employees and if any new person to be engaged I/we will submit proof of police		No	Not Allowed
16	I agree to execute work/part of the work in any location in ICF estate as directed by the Engineer-in-charge as per the requirements of Railways. No claim for extra payment will be made on this account.		No	Not Allowed

Custom

S.No.	•	Confirmation Required		Documents Uploading
1	Maintenance period - 12 months	Yes	No	Not Allowed
2	All the labourers should be in distinctive uniform while executing the work at site. failing which, the labourers will not be allowed to work.		Yes	Not Allowed
3	The contractor should ensure to engage police verified labourers/employees if any person to be engaged by contractor he has to submit proof of police verification application for issuing temporary permission like present permit system. However, contractor has to arrange police verification report within permissible period i.e one month for person from Tamilnadu and 3 months for persons from other states.	Yes	Yes	Not Allowed
	If required, the subject work/part of the work has to be executed in any location in ICF estate as directed by the Engineer-in- charge as per the requirements of Railways. No extra payment will be made on this account.		No	Not Allowed

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5	As per Rules of the contract Labour (Regulation & Abolition) Central Amendment Rules, 2017 and as modified from time to time 'Every Contractor shall upload or file the report to the concerned authority manually in a unified Annual return in the form XXIV on the web portal of the Ministry of Labour and Employment.	No	No	Not Allowed
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6. Documents attached with tender

S.No.	Document Name	Document Description
1	Scopeofwork-Drug.pdf	Scope of work
2	CompleteBiddocument_compressed.pdf	Bid document
3	Drugstorageelectricalscope.pdf	Electrical scope of work
4	gccwithcorrectionslips.pdf	GCC with correction slips
5	Additionalsafetyaspects.pdf	Additional safety aspects
6	Conservancycharges.pdf	Conservancy Charges
7	jpo_1_1.pdf	Electrical works precautions

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: RAVI K

Designation: AXENFur

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