

**KATIHAR DIVISION-ENGINEERING/N F RLY
TENDER DOCUMENT**

Tender No: 02-KIR-Engg-23-2026

Closing Date/Time: 10/07/2026 15:00

DRM-W-KIR acting for and on behalf of The President of India invites E-Tenders against Tender No **02-KIR-Engg-23-2026** Closing Date/Time 10/07/2026 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

1. NIT HEADER

Name of Work	(A) Upgradation of Officer Rest House at Darjeeling in Katihar Division (Old Building) (B) Upgradation of Officer Rest House at Darjeeling in Katihar Division (New Building)		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	10/07/2026 15:00	Date Time Of Uploading Tender	16/06/2026 17:39
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	44376618.26	Tendering Section	SR.DEN/III
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	887500.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	10 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	26/06/2026		
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
Schedule () A-Execution of civil works as per DSR-2023							37035740.42	Above/ Below/P ar
1	Please see Item Breakup for details.				14666469.21	38.66	20336526.21	
	Description:- Execution of works as per Annexure-I (Old Building)							
2	Please see Item Breakup for details.				12043281.56	38.66	16699214.21	
	Description:- Execution of works as per Annexure-II (New Building)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-Execution of works as per CPWD horticulture							81947.48	Above/ Below/P ar
3	Please see Item Breakup for details.				68782.50	(-) 40.43	40973.74	
	Description:- Execution of works as per Annexure-III (Old Building)							
4	Please see Item Breakup for details.				68782.50	(-) 40.43	40973.74	
	Description:- Execution of works as per Annexure-IV (New Building)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () C-Execution of works as per NS items							7258930.36	Above/ Below/P ar
5	Please see Item Breakup for details.				3629595.42	AT Par	3629595.42	
	Description:- Execution of works as per Annexure-V (Old Building)							
6	Please see Item Breakup for details.				3629334.94	AT Par	3629334.94	
	Description:- Execution of works as per Annexure-VI (New Building)							

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3. ITEM BREAKUP

Schedule	Schedule A-Execution of civil works as per DSR-2023					
Item- 1	Execution of works as per Annexure-I (Old Building)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	EARTH WORK				
	2.15	General				
	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1	2.8.1	All kinds of soil.	cum	8	260.3	2082.4
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	cum	8	196	1568
3	2.25A	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	cum	12	700.5	8406
4	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	2	2123.75	4247.5
	2.28	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
5	2.28.1	All kinds of soil	Sqm	22	34.15	751.3
6	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.	Sqm	40	17.6	704
	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 :				
7	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	25	7878.5	196962.5
8	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	15	7294.7	109420.5
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
9	4.3.1	Foundations, footings, bases for columns	Sqm	90	392.15	35293.5

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	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.1S	CAST IN SITU				
	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
10	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	12	9045.75	108549
	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
11	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	18	10852.95	195353.1
	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	18	392.15	7058.7
13	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	20	927.25	18545
14	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	50	736.4	36820
15	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	60	961.3	57678
16	5.9.19	Weather shade, Chajjas, corbels etc., including edges	Sqm	16	951.1	15217.6
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
17	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1400	107.85	150990
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
18	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	2200	107.85	237270
	6.0	MASONRY WORK				
	6.1S	General				
	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 :				
19	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	6	9344.35	56066.1
	6.12S	HALF BRICK MASONRY				
	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.				
20	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	24	1123.8	26971.2

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	8.0	CLADDING WORK				
	8.1S	General				
	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 to edges to give high gloss finish etc. complete at all levels				
	8.2.2	Granite stone slab colour black, Cherry/Ruby red				
21	8.2.2.2	Area of slab over 0.50 sqm	Sqm	120	5136.3	616356
	8.20S	STONE WORK DRY CLADDING				
22	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	200	1267.95	253590
	9.0	WOOD AND P.V.C. WORK				
	9.1S	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).				
23	9.1.2	Sal wood	cum	1.5	116520.3	174780.45
	9.3	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc.				
24	9.3.1	Sal wood	cum	2	104754.35	209508.7
	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.				
	9.5.1	Second class teak wood				
25	9.5.1.1	35 mm thick shutters	Sqm	10	4111.95	41119.5
	9.9	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.				
	9.9.1	Second class teak wood				

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26	9.9.1.1	35 mm thick	Sqm	5	4940.2	24701
	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
27	9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	8	3473.85	27790.8
28	9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	20	3167.95	63359
	9.27	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
	9.27.2.1	30 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size				
29	9.27.2.1.1	Second class teak wood	Sqm	20	4326.8	86536
	9.40S	MISCELLANEOUS-WOOD WORK				
	9.46	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete :				
30	9.46.3	25 mm dia	Metre	80	525.55	42044
	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.				
31	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	800	238.35	190680
32	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 20 mm nominal size).	Each	8	228.85	1830.8
	9.55S	BRIGHT FINISHED M.S. FITTINGS				
	9.55	Providing and fixing ISI marked IS:1341 M.S. pressed butt hinges bright finished with necessary screws etc. complete :				
33	9.55.2	100x58x1.90 mm	Each	32	45	1440
	9.57S	COPER OXIDISED MILD STEEL FITTINGS (COPPER OXIDISED AS PER IS: 1378)				
	9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete (Copper oxidised as per IS 1378)				
34	9.62.1	300x16 mm	Each	20	216.55	4331
	9.72S	BRASS FITTINGS				
35	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.	Each	4	854.65	3418.6

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36	9.78	Providing and fixing bright finished brass night latch of approved quality including necessary screws etc. complete.	Each	4	1183.3	4733.2
37	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	20	121.65	2433
38	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.	Each	4	1124.85	4499.4
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	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 :				
39	9.97.4	150x10 mm	Each	20	82.55	1651
	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 :				
40	9.100.1	125 mm	Each	20	66.25	1325
	9.105S	GYPSUM BOARD PARTITIONS				
	9.117	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance +/-1mm), with wall thickness 2.0 mm (+/- 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (+/- 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer- in-charge				
41	9.117.2	Extruded section profile size 42x50 mm	Metre	48	331.35	15904.8
	9.118	Providing and fixing to existing door frames.				

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42	9.118.2	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (+/- 0.2 mm), with inbuilt decorative moulding edging on one side. 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 25x20 mm and 1 mm (+/- 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 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 multi-chambered 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.	Sqm	8	3253.8	26030.4
	9.147	Providing and fixing factory made uPVC glazed/wire mesh windows/ doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware 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 approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately.				

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	9.147.A4	Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
43	9.147.A4.1	Using R2 series with frame (70 mm & above) x (40 mm & above) & both glazed and fly screen sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook. (Height upto 1.2 metre).	Sqm	32	10993.55	351793.6
	9.147.C1	Fixed window / ventilator without mullion / transom.				
44	9.147.C1.2	Using R2 series with frame (39mm & above) x (39mm & above). (Height upto 1.2 meter)	Sqm	16	8054.75	128876
45	9.149	Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.	Each	8	231.05	1848.4
46	9.150	Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. complete.	Each	4	204	816
47	9.151	Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.	Each	8	115.8	926.4
48	9.173	Providing and fixing ready made 304 grade stainless steel Modular kitchen basket and accessories such as right angle basket (Plain Cup & Saucer, plant, Partition, Bottle rack, Thali, Cutlery) kitchen utensil basket, Dinner set basket, kitchen grain basket, Multipurpose basket as per site requirement including finishing (wherever required) and fittings. The same shall be fixed with necessary stainless steel nuts & bolts, Stainless Steel screws & telescopic channel etc. as per direction of Engineer-in-charge. (For payment purpose only weight of Stainless steel basket shall be considered excluding weight of all fixing accessories such as nuts, bolts, fasteners telescopic basket channels etc. Payment of providing and fixing telescopic channel shall be paid separately)	Kg	800	533.25	426600
	10.0	STEEL WORK				
	10.1S	General				
49	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	800	117.35	93880
50	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	Sqm	8	11439.6	91516.8

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	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
51	10.16.2	Hot finished seamless type tubes	Kg	7500	206.35	1547625
52	10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete.	Each	8	226	1808
	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
53	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	800	172.6	138080
54	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, including 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.).	Kg	1950	772.4	1506180
	11.0	FLOORING				
	11.1S	General				
	11.1	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:				
55	11.1.2	1:6 (1cement : 6 coarse sand)	Sqm	25	965.55	24138.75
56	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.	cum	4.5	8595.15	38678.18
	11.26S	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) :				
57	11.26.1	25 mm thick	Sqm	100	1948.25	194825
	11.33S	WOODEN FLOORING				
	11.33	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with :				
58	11.33.1	Second class teak wood	Sqm	120	4508.95	541074
	11.41S	VITRIFIED FLOOR TILES				

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	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.1	Double charge vitrified tile polished finish of size				
59	11.41A.1.3	Size of Tile 600 x 1200 mm	Sqm	200	1577.15	315430
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
60	11.41A.3.5	Size of Tile 1200 x 1200 mm	Sqm	250	2838.5	709625
	11.47	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
61	11.47.2	Size of Tile 600x600 mm	Sqm	500	1893.9	946950
	11.48	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.				
62	11.48.2	Size of Tile 600x600 mm	Sqm	500	309.05	154525
	11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
63	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	Sqm	100	4481.3	448130
	12.0	ROOFING				
	12.37S	RAIN WATER SPOUT AND PIPE				

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	12.41	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.				
64	12.41.1	75 mm diameter	Metre	12	248.8	2985.6
65	12.41.2	110 mm diameter	Metre	20	377.4	7548
	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.				
	12.42.5	Bend 87.5 degree				
66	12.42.5.1	75 mm bend	Each	8	105.9	847.2
67	12.42.5.2	110 mm bend	Each	8	150.35	1202.8
	12.42.6	Shoe (Plain)				
68	12.42.6.1	75 mm Shoe	Each	8	93.1	744.8
69	12.42.6.2	110 mm Shoe	Each	4	131.85	527.4
	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.				
70	12.43.1	75 mm	Each	20	369.85	7397
71	12.43.2	110 mm	Each	20	371.3	7426

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	12.45	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :</p>				
72	12.45.3	12.5 mm thick tapered edge gypsum moisture resistant board	Sqm	800	1529.1	1223280

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73	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	200	738.65	147730
	12.51	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
74	12.51.1	Ridges plain (500 - 600mm)	Metre	50	532.35	26617.5
75	12.51.6	Gutter (600 mm over all girth)	Metre	40	1313.7	52548
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
76	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	200	347.05	69410
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
77	13.2.1	1:4 (1 cement: 4 fine sand)	Sqm	25	399.45	9986.25
	13.3	20 mm cement plaster of mix :				
78	13.3.1	1:4 (1 cement: 4 fine sand)	Sqm	16	471.35	7541.6
	13.7S	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT				
	13.7	12 mm cement plaster finished with a floating coat of neat cement of mix :				
79	13.7.2	1:4 (1 cement: 4 fine sand)	Sqm	80	425.55	34044
	13.16S	6 mm CEMENT PLASTER				
	13.16	6 mm cement plaster of mix :				
80	13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	60	300.45	18027
81	13.18	Neat cement punning.	Sqm	50	79.95	3997.5
	13.20S	PEBBLE DASH PLASTER				
82	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	350	262.7	91945
	13.37S	INTERIOR FINISHING				

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	13.41	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :				
83	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	Sqm	350	185.65	64977.5
	13.44S	EXTERIOR FINISHING				
	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
84	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	500	160.6	80300
	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
85	13.48.2	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	120	176.25	21150
86	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	Sqm	120	170.7	20484
	13.50	Applying priming coat:				
87	13.50.2	With ready mixed aluminium primer of approved brand and manufacture on resinous wood and plywood	Sqm	300	74.65	22395
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
88	13.61.1	Two or more coats on new work	Sqm	100	155.9	15590
	13.103	French spirit polishing :				
89	13.103.1	One or more coats on old work	Sqm	200	224.8	44960
	15.0	DISMANTLING AND DEMOLISHING				
	15.1S	General				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
90	15.2.1	Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	cum	12	2434.25	29211
	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
91	15.12.1	Of area 3 sq. metres and below	Each	4	367.2	1468.8
	15.13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
92	15.13.1	Of area 3 sq. metres and below	Each	6	143.5	861
	15.14	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :				

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93	15.14.1	Of sectional area 40 square centimetres and above	cum	5	4459.1	22295.5
	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
94	15.28.1	G.S. Sheet	Sqm	300	164.95	49485
95	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	100	54.65	5465
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
96	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	100	1091.5	109150
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				
	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
97	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	2	8006.6	16013.2
	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
98	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	2	6258.75	12517.5
	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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99	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	2	2648.85	5297.7
100	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	2	1683.35	3366.7
101	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 European type W.C. of quality and make as approved by Engineer - in - charge.	Each	2	349.15	698.3
102	17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality and make as approved by Engineer in charge.(a) 15 mm nominal dia	Each	8	6940.75	55526
	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.1	Semi rigid pipe				
103	17.28.1.1	32 mm dia	Each	5	103.9	519.5
104	17.31	Providing and fixing 600x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	5	1607.95	8039.75
105	17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	5	1083.5	5417.5
	17.34	Providing and fixing toilet paper holder :				
106	17.34.1	C.P. brass	Each	5	803.7	4018.5
	17.35	Providing and fixing soil, waste and vent pipes :				
	17.35.1	100 mm dia				
107	17.35.1.1	Sand cast iron S&S pipe as per IS: 1729	Metre	20	1151.9	23038
	17.35.2	75 mm diameter :				
108	17.35.2.1	Sand cast iron S&S pipe as per IS: 1729	Metre	20	1044.75	20895
	17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	17.38.1	100 mm dia				
109	17.38.1.1	Sand cast iron S&S as per IS - 1729	Each	4	598.5	2394
	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.				
110	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.	Each	6	708.95	4253.7
	18.0	WATER SUPPLY				
	18.4S	PP-R PIPES				

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	18.5	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801, UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings and fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.				
111	18.5.1	PN - 16 Pipe, 20mm OD (SDR-7.4)	Metre	100	477.85	47785
	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, and 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 Charge. (Internal work - Exposed on wall)				
112	18.7.1	15 mm nominal dia Pipes	Metre	200	286.8	57360
113	18.7.3	25 mm nominal dia Pipes	Metre	300	401.55	120465
114	18.7.6	50 mm nominal dia Pipes	Metre	400	934.15	373660
	18.15S	BRASS FITTINGS				
	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
115	18.17.1	25 mm nominal bore	Each	8	622.4	4979.2
	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
116	18.18.1	15 mm nominal bore	Each	8	406.85	3254.8
117	18.18.3	25 mm nominal bore	Each	7	464.05	3248.35
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
118	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 base support for tank.	Per Litre	4000	11	44000
	18.49S	C.P. BRASS FITTINGS				
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
119	18.49.1	15 mm nominal bore	Each	10	506.8	5068
	18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
120	18.50.1	15 mm nominal bore	Each	10	820.7	8207
	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
121	18.52.1	15 mm nominal bore	Each	10	670.45	6704.5
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
122	18.53.1	15mm nominal bore	Each	8	574.3	4594.4

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	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
123	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.	Each	8	111.45	891.6
	21.0	ALUMINIUM WORK				
	21.1S	General				
	21.4	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
124	21.4.1	With stainless steel cover plate minimum 1.25 mm thickness	Each	2	2823.85	5647.7
125	21.18	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc. to paid separately)	Sqm	5.2	5325.9	27694.68
	25.0	STRUCTURAL GLAZING ALUMINIUM COMPOSITE PANEL				
	25.1S	General				
	25.2	Designing, fabricating, testing, protection, installing and fixing in position semi (grid) unitized system of structural glazing (with open joints) for linear as well as curvilinear portions of the building for all heights and all levels, including: (a) Structural analysis & design and preparation of shop drawings for the specified design loads conforming to IS 875 part III (the system must passed the proof test at 1.5 times design wind pressure without any failure), including functional design of the aluminium sections for fixing glazing panels of various thicknesses, aluminium cleats, sleeves and splice plates etc. gaskets, screws, toggles, nuts, bolts, clamps etc., structural and weather silicone sealants, flashings, fire stop (barrier)-cum-smoke seals, microwave cured EPDM gaskets for water tightness, pressure equalisation & drainage and protection against fire hazard including: (b) Fabricating and supplying serrated M.S. hot dip galvanised /Aluminium alloy of 6005 T5 brackets of required sizes, sections and profiles etc. to accommodate 3 Dimensional movement for achieving perfect verticality and fixing structural glazing system rigidly to the RCC/ masonry/structural steel framework of building structure using stainless steel anchor fasteners/ bolts, nylon separator to	Sqm	200	3510.5	702100

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126		<p>prevent bimetallic contacts with nuts and washers etc. of stainless steel grade 316, of the required capacity and in required numbers. (c) Providing and filling, two part pump filled, structural silicone sealant and one part weather silicone sealant compatible with the structural silicone sealant of required bite size in a clean and controlled factory / work shop environment, including double sided spacer tape, setting blocks and backer rod, all of approved grade, brand and manufacture, as per the approved sealant design, within and all around the perimeter for holding glass. (d) Providing and fixing in position flashings of solid aluminium sheet 1 mm thick and of sizes, shapes and profiles, as required as per the site conditions, to seal the gap between the building structure and all its interfaces with curtain glazing to make it watertight. (e) Making provision for drainage of moisture/ water that enters the curtain glazing system to make it watertight, by incorporating principles of pressure equalization, providing suitable gutter profiles at bottom (if required), making necessary holes of required sizes and of required numbers etc. complete. This item includes cost of all inputs of designing, labour for fabricating and installation of aluminium grid, installation of glazed units, T & P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. The item includes the cost of getting all the structural and functional design including shop drawings checked by a structural designer, dully approved by Engineer-in-charge. The item also includes the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working structural glazing as specified, cleaning and protection till the handing over of the building for occupation. In the end, the Contractor shall provide a water tight structural glazing having all the performance characteristics etc. all complete as required, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge.</p>				
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.73S	PREFAB/PRECAST TECHNOLOGY				

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	26.86	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceasetory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately).				
127	26.86.5	Frame size 65 x 100 mm	Metre	50	1111.3	55565
	26.87	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.				
128	26.87.2	35 mm thick	Sqm	20	5015.35	100307
					Total	14666469.21
Item- 2	Execution of works as per Annexure-II (New Building)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	EARTH WORK				
	2.1S	General				
	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1	2.8.1	All kinds of soil.	cum	150	260.3	39045

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	2.9	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m 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 soils as directed, within a lead of 50 m.				
2	2.9.1	Ordinary rock	cum	50	632.95	31647.5
3	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	cum	40	196	7840
4	2.25A	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	cum	50	700.5	35025
5	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	50	2123.75	106187.5
	2.28	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
6	2.28.1	All kinds of soil	Sqm	25	34.15	853.75
7	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.	Sqm	50	17.6	880
	4.0	CONCRETE WORK				
	4.1S	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 :				
8	4.1.2	1:1 1/2:3 (1 Cement: 1 1/2 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	20	8340.85	166817
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)	cum	20	7878.5	157570
10	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	20	7294.7	145894
	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	120	392.15	47058
	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.1S	CAST IN SITU				

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	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
12	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	30	9045.75	271372.5
	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
13	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	15	10852.95	162794.25
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
14	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	35	392.15	13725.25
15	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	60	927.25	55635
16	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	60	736.4	44184
17	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	90	961.3	86517
18	5.9.19	Weather shade, Chajjas, corbels etc., including edges	Sqm	18	951.1	17119.8
	5.12S	PRE-CAST RCC				
19	5.12	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	2	10585.9	21171.8
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
20	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	3500	107.85	377475
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
21	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1750	107.85	188737.5
	6.0	MASONRY WORK				
	6.1S	General				

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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 :				
22	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	10	9344.35	93443.5
	6.12S	HALF BRICK MASONRY				
	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.				
23	6.13.1	Cement mortar 1:3 (1 cement : 3 coarse sand)	Sqm	40	1150.5	46020
24	6.13.2	Cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	25	1123.8	28095
	8.0	CLADDING WORK				
	8.1S	General				
	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 to edges to give high gloss finish etc. complete at all levels				
	8.2.2	Granite stone slab colour black, Cherry/Ruby red				
25	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	30	5413.5	162405
26	8.2.2.2	Area of slab over 0.50 sqm	Sqm	30	5136.3	154089
	8.20S	STONE WORK DRY CLADDING				
27	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	300	1267.95	380385
	9.0	WOOD AND P.V.C. WORK				
	9.1S	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).				
28	9.1.2	Sal wood	cum	.2	116520.3	23304.06
	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.				
	9.5.1	Second class teak wood				

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29	9.5.1.2	30 mm thick shutters	Sqm	20	3747.3	74946
	9.7	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
	9.7.7	Float glass panes				
30	9.7.7.1	4 mm thick glass pane (weight not less than 10kg/sqm).	Sqm	20	2241.8	44836
	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
31	9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	10	3167.95	31679.5
	9.27	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
	9.27.2.1	30 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size				
32	9.27.2.1.1	Second class teak wood	Sqm	10	4326.8	43268
	9.40S	MISCELLANEOUS-WOOD WORK				
	9.46	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete :				
33	9.46.3	25 mm dia	Metre	200	525.55	105110
	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.				
34	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	500	238.35	119175
35	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 20 mm nominal size).	Each	4	228.85	915.4
	9.55S	BRIGHT FINISHED M.S. FITTINGS				
	9.55	Providing and fixing ISI marked IS:1341 M.S. pressed butt hinges bright finished with necessary screws etc. complete :				
36	9.55.2	100x58x1.90 mm	Each	16	45	720
	9.57S	COPER OXIDISED MILD STEEL FITTINGS (COPPER OXIDISED AS PER IS: 1378)				
	9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete (Copper oxidised as per IS 1378)				

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37	9.62.1	300x16 mm	Each	8	216.55	1732.4
	9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (Copper oxidised as per IS 1378)				
38	9.63.3	150x10 mm	Each	25	59.45	1486.25
39	9.63.4	100x10 mm	Each	30	44.3	1329
	9.72S	BRASS FITTINGS				
40	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.	Each	4	854.65	3418.6
41	9.78	Providing and fixing bright finished brass night latch of approved quality including necessary screws etc. complete.	Each	4	1183.3	4733.2
42	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	8	121.65	973.2
43	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.	Each	7	1124.85	7873.95
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	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 :				
44	9.97.4	150x10 mm	Each	20	82.55	1651
	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 :				
45	9.100.1	125 mm	Each	20	66.25	1325
	9.105S	GYPSUM BOARD PARTITIONS				
	9.117	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance +/-1mm), with wall thickness 2.0 mm (+/- 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (+/- 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer- in-charge				
46	9.117.2	Extruded section profile size 42x50 mm	Metre	22	331.35	7289.7
	9.118	Providing and fixing to existing door frames.				

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47	9.118.2	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (+/- 0.2 mm), with inbuilt decorative moulding edging on one side. 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 25x20 mm and 1 mm (+/- 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 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 multi-chambered 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.	Sqm	10	3253.8	32538
	9.147	Providing and fixing factory made uPVC glazed/wire mesh windows/ doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware 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 approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately.				

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	9.147.A4	Three track three panels sliding window with two glazed & one wire mesh panels with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
48	9.147.A4.1	Using R2 series with frame (70 mm & above) x (40 mm & above) & both glazed and fly screen sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook. (Height upto 1.2 metre).	Sqm	32	10993.55	351793.6
	9.147.C1	Fixed window / ventilator without mullion / transom.				
49	9.147.C1.2	Using R2 series with frame (39mm & above) x (39mm & above). (Height upto 1.2 meter)	Sqm	8	8054.75	64438
	9.147.E2	Casement window double panels with fixed mullion with S.S. 304 friction hinges as per size and weight of sash, multi-point locking system, zinc alloy (zamak) powder coated handles.				
50	9.147.E2.1	Using R2 series with frame (39mm & above) x (39mm & above) & sash (39mm & above) x (60mm & above) & mullion (39mm & above) x (60mm & above). (Height upto 1.2 meter).	Sqm	6	13078.7	78472.2
51	9.149	Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.	Each	8	231.05	1848.4
52	9.150	Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. complete.	Each	2	204	408
53	9.151	Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.	Each	8	115.8	926.4
	9.166	Providing and fixing 18mm thick both sides Pre-laminated cement bonded wood particle board as per IS : 15786:2008 of approved brand and shade with suitable full threaded steel screws etc. in partitions, boxes, shelves, racks and cupboard, kitchen cabinet under kitchen counter etc. all complete as per direction of Engineer-in-charge				
54	9.166.1	18 mm thick	Sqm	100	1362.3	136230
55	9.172	Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per directions of Engineer- in-charge.	ONE SET	10	885.1	8851

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56	9.173	Providing and fixing ready made 304 grade stainless steel Modular kitchen basket and accessories such as right angle basket (Plain Cup & Saucer, plant, Partition, Bottle rack, Thali, Cutlery) kitchen utensil basket, Dinner set basket, kitchen grain basket, Multipurpose basket as per site requirement including finishing (wherever required) and fittings. The same shall be fixed with necessary stainless steel nuts & bolts, Stainless Steel screws & telescopic channel etc. as per direction of Engineer-in-charge. (For payment purpose only weight of Stainless steel basket shall be considered excluding weight of all fixing accessories such as nuts, bolts, fasteners telescopic basket channels etc. Payment of providing and fixing telescopic channel shall be paid separately)	Kg	300	533.25	159975
	10.0	STEEL WORK				
	10.1S	General				
57	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	100	117.35	11735
58	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	200	133.7	26740
59	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	Sqm	4	11439.6	45758.4
	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
60	10.16.2	Hot finished seamless type tubes	Kg	500	206.35	103175
61	10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete.	Each	4	226	904
	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
62	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	200	172.6	34520

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63	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, including 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.).	Kg	500	772.4	386200
	11.0	FLOORING				
	11.15	General				
	11.1	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:				
64	11.1.2	1:6 (1cement : 6 coarse sand)	Sqm	10	965.55	9655.5
65	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.	cum	15	8595.15	128927.25
	11.41S	VITRIFIED FLOOR TILES				
	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
66	11.41A.3.5	Size of Tile 1200 x 1200 mm	Sqm	100	2838.5	283850
	11.47	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
67	11.47.2	Size of Tile 600x600 mm	Sqm	600	1893.9	1136340

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	11.48	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.				
68	11.48.2	Size of Tile 600x600 mm	Sqm	600	309.05	185430
	11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
69	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	Sqm	25	4481.3	112032.5
	12.0	ROOFING				
	12.37S	RAIN WATER SPOUT AND PIPE				
	12.41	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.				
70	12.41.1	75 mm diameter	Metre	12	248.8	2985.6
71	12.41.2	110 mm diameter	Metre	110	377.4	41514
	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.				
	12.42.1	Coupler				
72	12.42.1.2	110 mm	Each	10	136.15	1361.5
	12.42.3	Single tee with door				
73	12.42.3.2	110x110x110 mm	Each	10	234.15	2341.5
	12.42.5	Bend 87.5 degree				
74	12.42.5.1	75 mm bend	Each	4	105.9	423.6
75	12.42.5.2	110 mm bend	Each	25	150.35	3758.75
	12.42.6	Shoe (Plain)				
76	12.42.6.1	75 mm Shoe	Each	2	93.1	186.2
77	12.42.6.2	110 mm Shoe	Each	2	131.85	263.7
	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.				
78	12.43.1	75 mm	Each	12	369.85	4438.2
79	12.43.2	110 mm	Each	25	371.3	9282.5

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	12.45	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :</p>				
80	12.45.3	12.5 mm thick tapered edge gypsum moisture resistant board	Sqm	800	1529.1	1223280

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81	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	25	738.65	18466.25
	12.51	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
82	12.51.1	Ridges plain (500 - 600mm)	Metre	5	532.35	2661.75
83	12.51.6	Gutter (600 mm over all girth)	Metre	20	1313.7	26274
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
84	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	300	347.05	104115
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
85	13.2.1	1:4 (1 cement: 4 fine sand)	Sqm	50	399.45	19972.5
	13.3	20 mm cement plaster of mix :				
86	13.3.1	1:4 (1 cement: 4 fine sand)	Sqm	50	471.35	23567.5
	13.7S	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT				
	13.7	12 mm cement plaster finished with a floating coat of neat cement of mix :				
87	13.7.2	1:4 (1 cement: 4 fine sand)	Sqm	20	425.55	8511
	13.16S	6 mm CEMENT PLASTER				
	13.16	6 mm cement plaster of mix :				
88	13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	50	300.45	15022.5
89	13.18	Neat cement punning.	Sqm	50	79.95	3997.5
	13.20S	PEBBLE DASH PLASTER				
90	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	350	262.7	91945
	13.44S	EXTERIOR FINISHING				
	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				

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91	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	1000	160.6	160600
	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
92	13.48.2	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	Sqm	300	176.25	52875
93	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	Sqm	250	170.7	42675
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
94	13.61.1	Two or more coats on new work	Sqm	200	155.9	31180
	13.67	Varnishing with varnish of approved brand and manufacture :				
95	13.67.2	Two or more coats glue sizing with spar varnish or an under coat of flatting varnish	Sqm	50	236.9	11845
96	13.91	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm	800	25.15	20120
	13.103	French spirit polishing :				
97	13.103.1	One or more coats on old work	Sqm	400	224.8	89920
	14.0	REPAIRS TO BUILDING				
	14.75AS	ROUTINE MAINTENANCE WORK				
98	14.82	Dismantling W.C. Pan of all sizes including disposal of dismantled materials including malba all complete as per directions of Engineer-in-Charge.	Each	6	134.1	804.6
99	14.84	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge.(a) Internal Work-Exposed on wall	Metre	100	3.25	325
	15.0	DISMANTLING AND DEMOLISHING				
	15.15	General				
	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-in-charge.				
100	15.7.4	In cement mortar	cum	5	2060.2	10301
	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
101	15.23.1	For thickness of tiles 10 mm to 25 mm	Sqm	600	73.4	44040
	16.0	ROAD WORK				
	16.15	ROADS				
	16.3	Supplying and stacking at site.				
102	16.3.1	90 mm to 45 mm size stone aggregate	cum	30	2098.4	62952

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103	16.3.2	63 mm to 45 mm size stone aggregate	cum	35	1636.05	57261.75
104	16.4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	cum	75	1046.95	78521.25
	16.49S	MISCELLANEOUS				
105	16.53	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/sq.mm with tape (0.52 mm thick)and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	Metre	100	375.8	37580
106	16.75	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. (The panel shuttering work shall be paid for separately).	cum	75	9823.8	736785
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
107	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	50	1091.5	54575
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				

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	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
108	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	1	8006.6	8006.6
	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
109	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	4	6258.75	25035
	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:				
110	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	1	2648.85	2648.85
111	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	1	1683.35	1683.35
112	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 European type W.C. of quality and make as approved by Engineer - in - charge.	Each	1	349.15	349.15
113	17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality and make as approved by Engineer in charge.(a) 15 mm nominal dia	Each	4	6940.75	27763
	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.1	Semi rigid pipe				
114	17.28.1.1	32 mm dia	Each	4	103.9	415.6
115	17.31	Providing and fixing 600x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	2	1607.95	3215.9
	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 :				
116	17.32.4	Rectangular shape 1500x450 mm	Each	6	2093	12558

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117	17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	2	1083.5	2167
	17.34	Providing and fixing toilet paper holder :				
118	17.34.1	C.P. brass	Each	4	803.7	3214.8
	17.35	Providing and fixing soil, waste and vent pipes :				
	17.35.1	100 mm dia				
119	17.35.1.1	Sand cast iron S&S pipe as per IS: 1729	Metre	20	1151.9	23038
	17.35.2	75 mm diameter :				
120	17.35.2.1	Sand cast iron S&S pipe as per IS: 1729	Metre	20	1044.75	20895
	17.38	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
	17.38.1	100 mm dia				
121	17.38.1.1	Sand cast iron S&S as per IS - 1729	Each	4	598.5	2394
	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.				
122	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.	Each	6	708.95	4253.7
	18.0	WATER SUPPLY				
	18.7S	C.P.V.C. PIPES				
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, and 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 Charge. (Internal work - Exposed on wall)				
123	18.7.1	15 mm nominal dia Pipes	Metre	1000	286.8	286800
124	18.7.2	20 mm nominal dia Pipes	Metre	1000	335	335000
125	18.7.3	25 mm nominal dia Pipes	Metre	600	401.55	240930
126	18.7.6	50 mm nominal dia Pipes	Metre	500	934.15	467075
	18.15S	BRASS FITTINGS				
	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
127	18.17.1	25 mm nominal bore	Each	8	622.4	4979.2
	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
128	18.18.1	15 mm nominal bore	Each	8	406.85	3254.8
129	18.18.3	25 mm nominal bore	Each	8	464.05	3712.4
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
130	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 base support for tank.	Per Litre	4000	11	44000

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	18.49S	C.P. BRASS FITTINGS				
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
131	18.49.1	15 mm nominal bore	Each	8	506.8	4054.4
	18.50	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
132	18.50.1	15 mm nominal bore	Each	8	820.7	6565.6
	18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
133	18.52.1	15 mm nominal bore	Each	8	670.45	5363.6
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
134	18.53.1	15mm nominal bore	Each	6	574.3	3445.8
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
135	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.	Each	6	111.45	668.7
	21.0	ALUMINIUM WORK				
	21.1S	General				
136	21.18	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc. to paid separately)	Sqm	5.2	5325.9	27694.68
	25.0	STRUCTURAL GLAZING ALUMINIUM COMPOSITE PANEL				
	25.1S	General				
	25.2	Designing, fabricating, testing, protection, installing and fixing in position semi (grid) unitized system of structural glazing (with open joints) for linear as well as curvilinear portions of the building for all heights and all levels, including: (a) Structural analysis & design and preparation of shop drawings for the specified design loads conforming to IS 875 part III (the system must passed the proof test at 1.5 times design wind pressure without any failure), including functional design of the aluminium sections for fixing glazing panels of various thicknesses, aluminium cleats, sleeves and splice plates etc. gaskets, screws, toggles, nuts, bolts, clamps etc., structural and weather silicone sealants, flashings, fire stop (barrier)-cum-smoke seals, microwave cured EPDM gaskets for water tightness, pressure equalisation & drainage and protection against fire hazard including: (b) Fabricating and supplying serrated M.S. hot dip galvanised /Aluminium alloy of 6005 T5 brackets of required sizes, sections and profiles etc. to accommodate 3 Dimensional movement for achieving perfect verticality and fixing structural	Sqm	200	3510.5	702100

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137		glazing system rigidly to the RCC/masonry/structural steel framework of building structure using stainless steel anchor fasteners/ bolts, nylon separator to prevent bimetallic contacts with nuts and washers etc. of stainless steel grade 316, of the required capacity and in required numbers. (c) Providing and filling, two part pump filled, structural silicone sealant and one part weather silicone sealant compatible with the structural silicone sealant of required bite size in a clean and controlled factory / work shop environment, including double sided spacer tape, setting blocks and backer rod, all of approved grade, brand and manufacture, as per the approved sealant design, within and all around the perimeter for holding glass. (d) Providing and fixing in position flashings of solid aluminium sheet 1 mm thick and of sizes, shapes and profiles, as required as per the site conditions, to seal the gap between the building structure and all its interfaces with curtain glazing to make it watertight. (e) Making provision for drainage of moisture/ water that enters the curtain glazing system to make it watertight, by incorporating principles of pressure equalization, providing suitable gutter profiles at bottom (if required), making necessary holes of required sizes and of required numbers etc. complete. This item includes cost of all inputs of designing, labour for fabricating and installation of aluminium grid, installation of glazed units, T & P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. The item includes the cost of getting all the structural and functional design including shop drawings checked by a structural designer, dully approved by Engineer-in-charge. The item also includes the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working structural glazing as specified, cleaning and protection till the handing over of the building for occupation. In the end, the Contractor shall provide a water tight structural glazing having all the performance characteristics etc. all complete as required, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge.				
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.73S	PREFAB/PRECAST TECHNOLOGY				

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	26.87	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.				
138	26.87.1	30 mm thick	Sqm	12.6	4346.7	54768.42
					Total	12043281.56
Schedule	Schedule B-Execution of works as per CPWD horticulture					
Item- 3	Execution of works as per Annexure-III (Old Building)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	HORTICUTURE AND LANDSCAPING				
1	2.2	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).	cum	5	515.6	2578
2	2.3	Supplying and stacking sludge at site including royalty and carriage upto 5 km lead complete (sludge measured in stacks will be reduced by 8% for payment).	cum	10	294	2940
	2.4	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :				
3	2.4.1	Screened through sieve of I.S. designation 20 mm	cum	10	254.15	2541.5
4	2.33	Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and then rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge	Sqm	100	214.4	21440
	3.0	FOLIAGE AND SHADE LOVING PLANTS				
5	3.20	Providing and displaying of Areca palm having ht. 1.50 m to 1.80 m with 6 to 8 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	30	193.75	5812.5
6	3.27	Providing and displaying of Croton Challenger variety having ht. 30cm and above, well developed with full of fresh and healthy leaves in 20 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	35	45.1	1578.5
	4.0	SEASONAL PLANTS				

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	4.1S	Winter Seasonal plants				
7	4.24	Providing and Displaying Dahlia double kenya variety in different colour well developed with 3 to 4 flowers in half bloom, good foliage stacked with Green painted Bamboo sticks, 45 to 60 cm height in 25 cm Earthen Pot/ Plastic Pot and as per direction of the officer-in-charge.	Each	100	86.1	8610
8	4.40	Providing and Displaying Marigold(Tagetes) inca hybrid different colour having 30 cm and above ht., with 6 to 8 flowers in bloom & blooming condition, well developed pot should be fully covered with fresh and healthy, foliage and flowers in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	Each	100	64.6	6460
	4.90S	ROSE PLANTS				
9	4.91	Providing and Displaying Budded Rose (H.T. variety) 3 to 4 healthy branch 30 cm and above ht. well developed with one and above flower plant in 20 cm Earthen Pot, as per direction of the officer-in-charge.	Each	80	32.8	2624
	5.0	ORNAMENTAL PLANTS				
10	5.12	Providing and Displaying Bougainvillea named variety, Sobhra, Thima, Marry palmar, Cherry Blossom etc. well developed with fresh & healthy bushy in full bloom 75 to 90 cm ht. in 40 cm Cement Pot as per direction of the officer-in-charge.	Each	20	322.9	6458
	10.0	ANNUAL FLOWER SEEDLINGS/CUTTINGS				
	10.1	Providing and stacking of winter seasonal seedling/cutting at site of work well developed and healthy free from disease in per tray and each tray having 100 Nos plants as per direction of the officer-in-charge.				
11	10.1.2	Antirrhinum dwarf	Per Tray	2	600	1200
12	10.1.5	Calendula double	Per Tray	2	500	1000
13	10.1.8	Carnation hybrid	Per Tray	2	850	1700
14	10.1.22	Nasturtium	Per Tray	2	500	1000
15	10.1.26	Phlox mix colour hybrid	Per Tray	2	500	1000
16	10.1.27	Poppy double	Per Tray	2	500	1000
17	10.1.28	Salvia	Per Tray	2	420	840
					Total	68782.50
Item- 4	Execution of works as per Annexure-IV (New Building)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	HORTICUTURE AND LANDSCAPING				
1	2.2	Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).	cum	5	515.6	2578
2	2.3	Supplying and stacking sludge at site including royalty and carriage upto 5 km lead complete (sludge measured in stacks will be reduced by 8% for payment).	cum	10	294	2940
	2.4	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :				
3	2.4.1	Screened through sieve of I.S. designation 20 mm	cum	10	254.15	2541.5

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4	2.33	Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and then rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge	Sqm	100	214.4	21440
	3.0	FOLIAGE AND SHADE LOVING PLANTS				
5	3.20	Providing and displaying of Areca palm having ht. 1.50 m to 1.80 m with 6 to 8 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	30	193.75	5812.5
6	3.27	Providing and displaying of Croton Challenger variety having ht. 30cm and above, well developed with full of fresh and healthy leaves in 20 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	35	45.1	1578.5
	4.0	SEASONAL PLANTS				
	4.1S	Winter Seasonal plants				
7	4.24	Providing and Displaying Dahlia double kenya variety in different colour well developed with 3 to 4 flowers in half bloom, good foliage stacked with Green painted Bamboo sticks, 45 to 60 cm height in 25 cm Earthen Pot/ Plastic Pot and as per direction of the officer-in-charge.	Each	100	86.1	8610
8	4.40	Providing and Displaying Marigold(Tagetes) inca hybrid different colour having 30 cm and above ht., with 6 to 8 flowers in bloom & blooming condition, well developed pot should be fully covered with fresh and healthy, foliage and flowers in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	Each	100	64.6	6460
	4.90S	ROSE PLANTS				
9	4.91	Providing and Displaying Budded Rose (H.T. variety) 3 to 4 healthy branch 30 cm and above ht. well developed with one and above flower plant in 20 cm Earthen Pot, as per direction of the officer-in-charge.	Each	80	32.8	2624
	5.0	ORNAMENTAL PLANTS				
10	5.12	Providing and Displaying Bougainvillea named variety, Sobhra, Thima, Marry palmar, Cherry Blossom etc. well developed with fresh & healthy bushy in full bloom 75 to 90 cm ht. in 40 cm Cement Pot as per direction of the officer-in-charge.	Each	20	322.9	6458
	10.0	ANNUAL FLOWER SEEDLINGS/CUTTINGS				
	10.1	Providing and stacking of winter seasonal seedling/cutting at site of work well developed and healthy free from disease in per tray and each tray having 100 Nos plants as per direction of the officer-in-charge.				
11	10.1.2	Antirrhinum dwarf	Per Tray	2	600	1200
12	10.1.5	Calendula double	Per Tray	2	500	1000
13	10.1.8	Carnation hybrid	Per Tray	2	850	1700
14	10.1.22	Nasturtium	Per Tray	2	500	1000

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15	10.1.26	Phlox mix colour hybrid	Per Tray	2	500	1000
16	10.1.27	Poppy double	Per Tray	2	500	1000
17	10.1.28	Salvia	Per Tray	2	420	840
					Total	68782.50
Schedule	Schedule C-Execution of works as per NS items					
Item- 5	Execution of works as per Annexure-V (Old Building)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply and fixing of digital print wall paper of approved pattern and design by Engineer-in-Charge. The cost included all materials, tools, plants, Labour, lead, lift ascent, decent, Taxes and all other incidental charges complete.	Square Foot	3000.00	172.66	517980.00
2	2	Supply and fixing of Charcoal Board of approved pattern and design by Engineer-in-Charge. The cost.The cost included all materials, tools, plants, Labour,lead, lift ascent, decent, Taxes and all other incidental charges complete.	Square Foot	1000.00	517.45	517450.00
3	3	Customized superior quality wood work with ply Board (19 mm/12mm/6 mm greenply marino brand or similar) , battens ,laminates (green ply ,century or similar) MDF board louvers ,partions ,TV units ,Beds (with back side padding), side tables, wardrobes, dressing units ,modular kitchen etc with all superior quality hardware all complete as per direction of Engineer in-charge or his representative as per approved interior design ,drawing e t c. with all contractor materials, carpenter,labors ,lead lift etc.complete.Measurement of beds ,wardrobes etc will be taken as per existing interior designer practice prevailing in market).	Square Foot	2000.00	1014.60	2029200.00
4	4	Supply & fixing RimlessJaquar/kohler or similar make wall hanging comode with soft close slim seat cover360X500X335mm KUS-WHT-35953BIUFSM of Jaquar makeor similar approved byEngineer in charge.	Numbers	6.00	17039.50	102237.00
5	5	Supply & fixing conceal wallcistern JCSWHT 2400 FSwithout control plate of Jaquar/kohler make or similar approved byEngineer in charge.	Numbers	6.00	7929.01	47574.06
6	6	Supply & fixing table topBasin Jaquar continentalmodel - CNS WHT-903425X340X175 with waist ofJaquar/kohler or similar make	Numbers	6.00	4316.32	25897.92
7	7	Supply & fixing concealedbody for single lever Diverter40m. Cartidge - ALD-079N ofJaquar/kohler or similar make approved by Engineer incharge	Numbers	6.00	7270.53	43623.18
8	8	Supply & fixing concealedbody for single lever Basinmixture wall mounted butwithout exposed parts ALD -233 N of Jaquar/kohler or similar approved by Engineerin charge.	Numbers	6.00	6670.87	40025.22
9	9	Supply & fixing Exposed part Kit for single lever basin Mixerwall mounted ALI-85233NK ofJaquar/kohler or similar make approved by Engineer incharge	Numbers	6.00	6175.18	37051.08
10	10	Supply & fixing Single lever exposed parts kit of hi-flowdiverter consisting ofoperating lever ALI-85079NKof Jaquar/kohler make or similar approved by Engineer incharge.	Numbers	6.00	5450.54	32703.24

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11	11	Supply & fixing level Tall Boywith 190mm Extension BodyKUP-35021PM of Jaquar/kohler make or similar approved by Engineer in charge	Numbers	6.00	5929.38	35576.28
12	12	Supply & fixing Angular Stopcock with flange ALI-85053 of Jaquar/kohler make or similar approved by Engineer in charge.	Numbers	6.00	2636.00	15816.00
13	13	Supply & fixing Overheadshower alive Maze200x300mm round edge &rectangular head single flowOHS-85859M of Jaquar/kohler make or similar approved byEngineer in charge.	Numbers	6.00	11111.12	66666.72
14	14	Supply & fixing head showerArm 400X25X25mm Squareshape for wall mountedshowers with flange SHA - 455L400 of Jaquar/kohler make or similar approved by Engineerin charge.	Numbers	6.00	3441.51	20649.06
15	15	Supply & fixing 2 way Bib cockwith wall flange ALI-85041 of Jaquar/kohler make or similar approved by Engineer incharge.	Numbers	6.00	3239.87	19439.22
16	16	Supply and fixing control platearea for cistern JCP-CHR-392415 of Jaquar/kohler make or similar approved by Engineerin charge	Numbers	6.00	3216.76	19300.56
17	17	Supply and fixing soap dishholder ACN-1131N of Jaquar/kohler make or similar approved byEngineer in charge	Numbers	6.00	1512.29	9073.74
18	18	Supply and fixing Rack boltZPS-MST-RB07 of Jaquar/kohler make or similar approved byEngineer in charge	Numbers	6.00	745.64	4473.84
19	19	Supply and fixing corner glassshelf with bracket ACN1173 of Jaquar/kohler make or similar make approved by Engineer incharge	Numbers	10.00	2391.31	23913.10
20	20	Supply and fixing Godrej or similar make decorative antique lookmetal finish door lock withhandle approved by Engineerin charge.	Numbers	8.00	2618.15	20945.20
					Total	3629595.42
Item- 6	Execution of works as per Annexure-VI (New Building)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply and fixing of digital print wall paper of approved pattern and design by Engineer-in-Charge. The cost included all materials, tools, plants, Labour, lead, lift ascent, decent, Taxes and all other incidental charges complete.	Square Foot	3000.00	172.66	517980.00
2	2	Supply and fixing of Charcoal Board of approved pattern and design by Engineer-in-Charge. The cost.The cost included all materials, tools, plants, Labour,lead, lift ascent, decent, Taxes and all other incidental charges complete.	Square Foot	1000.00	517.45	517450.00

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3	3	Customized superior quality wood work with ply Board (19 mm/12mm/6 mm greenply marino brand or similar) , battens ,laminates (green ply ,century or similar) MDF board louvers ,partions ,TV units ,Beds (with back side padding), side tables, wardrobes, dressing units ,modular kitchen etc with all superior quality hardware all complete as per direction of Engineer in-charge or his representative as per approved interior design ,drawing e t c. with all contractor materials, carpenter,labors ,lead lift etc.complete.Measurement of beds ,wardrobes etc will be taken as per existing interior designer practice prevailing in market).	Square Foot	2000.00	1014.60	2029200.00
4	4	Supply & fixing RimlessJaquar/kohler or similar make wall hanging comode with soft close slim seat cover360X500X335mm KUS-WHT-35953BIUFM of Jaquar makeor similar approved byEngineer in charge.	Numbers	6.00	17039.50	102237.00
5	5	Supply & fixing conceal wallcistern JCSWHT 2400 FSwithout control plate of Jaquar/kohler make or similar approved byEngineer in charge.	Numbers	6.00	7929.01	47574.06
6	6	Supply & fixing table topBasin Jaquar continentalmodel - CNS WHT-903425X340X175 with waist ofJaquar/kohler or similar make	Numbers	6.00	4316.32	25897.92
7	7	Supply & fixing concealedbody for single lever Diverter40m. Cartidge - ALD-079N ofJaquar/kohler or similar make approved by Engineer incharge	Numbers	8.00	7270.53	58164.24
8	8	Supply & fixing concealedbody for single lever Basinmixture wall mounted butwithout exposed parts ALD -233 N of Jaquar/kohler or similar approved by Engineerin charge.	Numbers	6.00	6670.87	40025.22
9	9	Supply & fixing Exposed part Kit for single lever basin Mixerwall mounted ALI-85233NK ofJaquar/kohler or similar make approved by Engineer incharge	Numbers	6.00	6175.18	37051.08
10	10	Supply & fixing Single lever exposed parts kit of hi-flowdiverter consisting ofoperating lever ALI-85079NKof Jaquar/kohler make or similar approved by Engineer incharge.	Numbers	6.00	5450.54	32703.24
11	11	Supply & fixing level Tall Boywith 190mm Extension BodyKUP-35021PM of Jaquar/kohler make or similar approved by Engineer in charge	Numbers	6.00	5929.38	35576.28
12	12	Supply & fixing Angular Stopcock with flange ALI-85053 ofJaquar/kohler make or similar approved by Engineer incharge.	Numbers	6.00	2636.00	15816.00
13	13	Supply & fixing Overheadshower alive Maze200x300mm round edge &rectangular head single flowOHS-85859M of Jaquar/kohler make or similar approved byEngineer in charge.	Numbers	6.00	11111.12	66666.72
14	14	Supply & fixing head showerArm 400X25X25mm Squareshape for wall mountedshowers with flange SHA - 455L400 of Jaquar/kohler make or similar approved by Engineerin charge.	Numbers	6.00	3441.51	20649.06
15	15	Supply & fixing 2 way Bib cockwith wall flange ALI-85041 of Jaquar/kohler make or similar approved by Engineer incharge.	Numbers	6.00	3239.87	19439.22

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16	16	Supply and fixing control plate area for cistern JCP-CHR-392415 of Jaquar/kohler make or similar approved by Engineer in charge	Numbers	6.00	3216.76	19300.56
17	17	Supply and fixing soap dish holder ACN-1131N of Jaquar/kohler make or similar approved by Engineer in charge	Numbers	6.00	1512.29	9073.74
18	18	Supply and fixing Rack bolt ZPS-MST-RB07 of Jaquar/kohler make or similar approved by Engineer in charge	Numbers	6.00	745.64	4473.84
19	19	Supply and fixing corner glass shelf with bracket ACN1173 of Jaquar/kohler make or similar make approved by Engineer in charge	Numbers	6.00	2391.31	14347.86
20	20	Supply and fixing Godrej or similar make decorative antique look metal finish door lock with handle approved by Engineer in charge.	Numbers	6.00	2618.15	15708.90
					Total	3629334.94

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover 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, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-XIVA, of STD/June/22 along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria as under (Document in support of Technical Eligibility Criteria should be submitted/uploaded as per Annexure-V of tender document) :	No	No	Allowed (Mandatory)
1.1	(a) The tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Not Allowed
1.2	(b)(i) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.	No	No	Not Allowed

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1.3	Note for para 1.2 above: Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.	No	No	Not Allowed
1.4	(b) (ii) In such cases, what constitutes a component in a composite work shall be clearly predefined with estimated tender cost of it, as part of the tender documents without any ambiguity.	No	No	Not Allowed
1.4.1	Note for Standard Technical Criteria: 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 atleast 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	Not Allowed
1.5	(b)(iii) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contractor through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing. However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows: The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract. Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway. In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing	No	No	Not Allowed
1.6	Defination of Similar Work :- Any Civil Engineering works.	No	No	Not Allowed

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

S.No.	Description
1	I/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, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the 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.

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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.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the 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
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. Please submit a certificate in the prescribed format (please download the format from the link given 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

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	" No post tender correspondence will be done with the participant tenderer(s) for deficient credentials noted during scrutiny of tender/offer nor any credential will be accepted after opening of the tender and the offer shall be decided on the basis of submitted/Credentials downloaded with offer only"	No	No	Not Allowed
2	The tenderer whether sole proprietor/ a company or a partnership firm/ registered society / registered trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association /Board resolution, failing which tender shall be summarily rejected. A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement, if required. Note: A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the power of Attorney is being issued. However, the power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate	No	No	Not Allowed
3	If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender.	No	No	Not Allowed

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4	After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society/HUF etc. shall be neither asked nor considered, if submitted. Further, no suo moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted	No	No	Not Allowed
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Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
2	Tender form (First Sheet) as per 'Annexure-I'	No	No	Allowed (Mandatory)
3	Firm details as per 'Annexure-II'	No	No	Allowed (Mandatory)
4	Self attested copy of Permanent Account Number (PAN) issued by Income Tax Department.	No	No	Allowed (Mandatory)
5	Documents to be submitted by tenderer as per status of their firms. These documents are listed below-	No	No	Not Allowed
5.1	For Sole Proprietorship firm:- (i) Affidavit as per 'Annexure -X'. (ii) Special power of Attorney as per proforma given in 'Annexure-XI' to be submitted by sole proprietor firm duly notarized. (Not required if tender documents are submitted by proprietor himself) (iii) An undertaking that he is not blacklisted or debarred by Railways or any other Ministry/Department of Govt. of India from Participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was/is a partner/member concealment/wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (iv) All documents in terms of explanatory notes in clause 22 of STD/June/22.	No	No	Allowed (Mandatory)
5.2	For Partnership firm- (i) A notarized copy of partnership deed. (ii) A notarized or registered copy of special Power of Attorney (duly registered as per prevailing law) in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm as per proforma given in Annexure-XII (Not required if one or more partners are authorized in Partnership deed to sign on behalf of the firm.) (iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India / any State Govt. from participation in tenders / contracts as on the date of opening of bids, either in their individual capacity or in any firm in which they were / are partners. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (iv) The tenderer shall submit documents as mentioned in clause 23.10 of the Tender Form (Second Sheet) of STD/June/22	No	No	Allowed (Mandatory)

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5.3	HUF:- (i)A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF. (ii) An undertaking that the HUF is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which HUF was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (iii) All other documents in terms of explanatory notes in clause 22 of STD/June/22.	No	No	Allowed (Mandatory)
5.4	Company registered under Companies Act-2013: The tenderer shall submit :- (i) the copies of MOA (Memorandum of Association) / AOA (Articles of Association) of the company (ii) A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company, as per proforma given in Annexure-XIII' (iii) A copy of Certificate of incorporation (iv) An under taking the Company is not blacklisted or debarred by Railway or any other Ministry/Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which the Company was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (v) All other documents in terms of explanatory notes in clause 22 of STD/June/22.	No	No	Allowed (Mandatory)
5.5	LLP (Limited Liability Partnership) Firm: If the tender is submitted on behalf of a LLP registered under LLP Act-2008, the tenderer shall submit alongwith the tender- (i) a copy of LLP Agreement, (ii) a copy of Certificate of Incorporation; and (iii) a copy of Power of Attorney/Authorisation issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP. (iv) An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.(v) All other documents in terms of explanatory notes in clause 22 of STD/June/22.	No	No	Allowed (Mandatory)
5.6	Registered Society & Registered Trust: The tenderer shall submit:- (i) a copy of the Certificate of Registration, (ii) A copy of Memorandum of Association of Society/Trust Deed (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv) A copy of Rules & Regulations of the Society. (v) All other documents in terms of explanatory notes in clause 22 of STD/June/22.	No	No	Allowed (Mandatory)
6	As per Railway Board letter No.2022/CE-I/CT/GCC correspondence dated 14.05.2024 on IREPS Module, a facility has already been created for online submission of Annexure-III (Annexure-V of GCC/2022) However, in addition to Annexure-III (Annexure-V of GCC/2022), in case of other than Company/Proprietary firm, Annexure-III(A) shall also be submitted by the each member of a Partnership Firm/joint Venture (JV)/ Hindu Undivided Family/(HUH/Limited Liability Partnership (LLP)etc, as the case may be. Non submission of above certificate(s) by the bidder shall result in summarily rejection of his /their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self-attested/digitally signed by which they/he is qualifying the Qualifying Criteria mentioned in the Tender documents.	No	No	Allowed (Mandatory)

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7	BID Security (Bank Guarantee Bond from)-Annexure-XXII, The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e excluding the last date of submission of bids).	No	No	Allowed (Mandatory)
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General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Mandatory updation of Labour data on Railway's Shramikkalyan portal by Contractor to payment of wages should be followed as per tender documents para-25.0.	No	No	Not Allowed
2	In case of any difficulty, help desk available on the website of IREPS may be approached.	No	No	Not Allowed
3	For those conditions for which standard formats have been given in the uploaded document titled-Formats for uploading of various format. The information should only be submitted in these standard formats.	No	No	Not Allowed
4	Rates are inclusive of all taxes/octroi, license fee, royalty charges etc. legally leviable by State, Central Govt. and/or any other local authority.	No	No	Not Allowed
5	General Conditions of Contract -2022 and Standard Specifications as laid down in the Indian Railways Unified Standard Specifications-2021/CPWD Specifications 2019 Vol I & II as amended by correction slips on or before the opening of tender.	No	No	Not Allowed
6	Sales tax/Business tax, Royalty etc. will be recovered as per extant instruction on the subject.	No	No	Not Allowed
7	Note for Commercial compliance :-	No	No	Not Allowed
7.1	Certificates from private individuals for whom such works are executed being executed is not acceptable.	No	No	Not Allowed
8	For Standard Financial criteria and Standard Technical criteria - Tenderers are required to submitted authenticated certificate along with the tenders from officers of government or semi-government/public sector undertakings under whom the work has been executed indicating there in the name of work executed, value of works/payment details and period during which completed. Such certificates should have signature and seal of the concerned officer. In the absence of such certificate the tender may not be considered.	No	No	Not Allowed
9	Due to roll out of GST with effect from 01.07.2017. The following additional terms and special condition are given below-	No	No	Not Allowed
9.1	For the tenders due to open before roll out of GST- All the bidders/tenderers while quoting the rates should clearly indicate the rate of applicable duties and taxes included in the prices quoted by them. Any variation in tax structure/rate due to introduction of GST, shall be dealt with under Statutory Variation Clause.	No	No	Not Allowed
9.2	For the tenders opening after roll out of GST- All the bidders/tenders should ensure that they are GST compliant and their quoted tax structure/rates are as per GST Law.	No	No	Not Allowed
10	Tender will be opened at the specified time and date. In case the specified date is declared a holiday, the tender would be opened at the same time on the next working day.	No	No	Not Allowed
11	The Railway reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the Railway,make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification by the railway shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the railway thereunder.	No	No	Not Allowed

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12	In case any wrong information submitted by tenderer, the contract shall be terminated, Bid Security, Performance Guarantee(PG) and Security Deposit(SD) of contract forfeited and agency barred for doing business of entire Indian Railways for 2(two) years. (Railway Board's L/No. 2017/Trans/01/Policy dated 08.02.2018)	No	No	Not Allowed
13	Price variation Clause (PVC) in Works Contract is dealt with in accordance with provisions of item 46A of GCC-2022 and Advance correction slip No. 1 dated 14.07.2022 & GM/W/MLG's letter dated 25.07.2022.(Section-III of tender documents clause No.5). Price Variation Clause (PVC) shall be applicable only in tender having advertised value above Rs. 2 Crores .Provided further that, in a contract where PVC is applicable, following shall be outside the purview of price adjustments (i.e. shall be excluded from the gross value of the work for the purpose of price variation)	No	No	Not Allowed
14	In partial modification to Railway Board's letter No. 2007/CE.1/CT/18 dated 05.07.2010 and 14.09.2017, it has been decided to extend the scope of PMC services for all works contracts costing more than Rs. 10 Crore in open line.	No	No	Not Allowed
15	JOINT VENTURE will not be permitted for the tender value upto Rs. 10 Crores.	No	No	Not Allowed
16	Any Conditional offer will be summarily rejected.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The following documents should be specified for submission along with tender (all the annexure are attached in tender documents)	No	No	Not Allowed
1.1	List of Personnel, Organization available on hand and proposed to be engaged for the subject work as per 'Annexure-VIII'	No	No	Allowed (Optional)
1.2	List of plants & Machinery available on hand (own) and proposed to be inducted (own and hired to be given separately) for the subject work in 'Annexure-VII'.	No	No	Allowed (Optional)
1.3	List of works on hand as per proforma given in 'Annexure-VI'	No	No	Allowed (Optional)
1.4	List of works of similar nature physically completed in all respects as per clause No. 10 (Pt.I) of GCC/2022 and as per proforma given in 'Annexure-IV'	No	No	Allowed (Optional)
1.5	The tenderer(s) would fill up the check list, as per Annexure-XXV to ensure that they are submitting the complete tender offer.	No	No	Allowed (Optional)
1.6	Any other document in support of his/their credentials/scheme.	No	No	Allowed (Optional)
1.7	Model form of bank guarantee bond for PG as per 'Annexure-XVIII'	No	No	Allowed (Optional)
2	Request letter from Executive Branch to Accounts Office Opening of LC- 'Annexure-XX'	No	No	Allowed (Optional)
3	DOCUMENT OF AUTHORIZATION (for LC)-'Annexure-XXI'	No	No	Allowed (Optional)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	NITNo.23of2026.pdf	NIT No 23 of 2026
2	Tenderdocuments.pdf	Tender documents
3	AdvanceCorrectionSlip-11.pdf	Advance correction Slip No11

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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: BAGESHWAR VERMA

Designation : Sr.DEN/III/KIR