

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 68-26-27

Closing Date/Time: 06/07/2026 15:00

DRM/Engineering acting for and on behalf of The President of India invites E-Tenders against Tender No **68-26-27** Closing Date/Time 06/07/2026 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	Balance work for soft upgradation of Sirsa station under ADEN/SSA.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	06/07/2026 15:00	Date Time Of Uploading Tender	10/06/2026 12:49
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	42262318.94	Tendering Section	EAST
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	845300.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	22/06/2026		
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-CPWD DSR 2023 Items							39898236.95	Above/ Below/P ar
1	Please see Item Breakup for details.				1516642.90	5.47	1599603.27	
	Description:- All items of Earth Work appearing in chapter 2 of CPWD DSR (Amended up to date)							
2	Please see Item Breakup for details.				11706371.48	5.47	12346710.00	
	Description:- All items of Concrete & RCC Work appearing in chapter 4 & 5 of CPWD DSR (Amended up to date)							
3	Please see Item Breakup for details.				3588997.80	5.47	3785315.98	
	Description:- All items of Masonry Work appearing in chapter 6 of CPWD DSR (Amended up to date)							
4	Please see Item Breakup for details.				6130219.10	5.47	6465542.08	
	Description:- All items of Steel Work appearing in chapter 10 of CPWD DSR (Amended up to date)							
5	Please see Item Breakup for details.				3324750.00	5.47	3506613.83	
	Description:- All items of Flooring work appearing in chapter 11 of CPWD DSR (Amended up to date)							
6	Please see Item Breakup for details.				3455450.00	5.47	3644463.12	
	Description:- All items of Finishing work appearing in chapter 13 of CPWD DSR (Amended up to date)							
7	Please see Item Breakup for details.				2344457.98	5.47	2472699.83	
	Description:- All items of Road work appearing in chapter 16 of CPWD DSR (Amended up to date)							
8	Please see Item Breakup for details.				455777.20	5.47	480708.21	
	Description:- All items of Sanitary Installations , Water supply & Drainage work appearing in chapter 17, 18 & 19 of CPWD DSR (Amended up to date)							
9	Please see Item Breakup for details.				5306324.67	5.47	5596580.63	
	Description:- All items of all other chapters except S.No. 1 to 8 mentioned above of CPWD DSR (Amended up to date)							

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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-IRUSSOR 2021 items							25920.60	Above/ Below/P ar
1	Please see Item Breakup for details.				25920.60	AT Par	25920.60	
	Description:- All items of Miscellaneous Items appearing in chapter 21 of IRUSSOR Items(Amended up to date)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () C-NS items							2338161.39	Above/ Below/P ar
1	NS1	6.00	Each	62742.70	376456.20	AT Par	376456.20	
	Description:- Fabricating, Supplying & installing Stainless steel Water booth made up of Stainless Steel pipe of 150 mm dia & 3.15 mm thick & stainless steel sheet for basin. Minimum thickness of 3.00 mm confirming to grade SS 304 or superior including cost of taps & GI pipe above the PF surface but excluding grating and other items below PF surface as per drg no. Misc -507/07,ANVR including steel base plate of 300 x 300 x 12 mm, the approx weight of stainless steel sheet(covered with protective coating) to be used in waterbooth should be of 116 kg. The finish surface shall be free from any dent/undulation, the item include all accessories, equipments, tool & plants, preparation of fabrication drawing, all labour & material as a complete job.The hand railing & other horizontal members shall be bent to correct radius,profiles,shapes required bt thr engineer-in-charge using the appropriate means without losing the profile of pipe. Nothing extra shall be paid whatsoever the case may be.							
2	NS2	950.00	Kg	501.97	476871.50	AT Par	476871.50	
	Description:- Fabricating, supplying and installing stainless steel 4/ 10 seater benches with or without back rest and seat partition of size and shape as per design and drawing approved by Engineer Incharge. Bench shall be manufactured from stainless steel 304 Grade Confirming IS :6911-1933with latest Amendments as a complete job. Tolerance in the weight will be 2 % of Specified weight from Nominated weight on either side. Tolerance in Over all dimensions +/- 5% from drawing and +/- 2 % from proto type.							
3	NS3	250.00	Sqm	1226.41	306602.50	AT Par	306602.50	
	Description:- Painting Murlas, Pictures, Carving of different size & shapes duly colore on Smooth Wall Surface / Ply Wood surface with paint & oil Paint /Acrylic paint with different shape on wall to give Ethnic-etho local art / architecture to Station building as a Complete Job as directed by Enginer in charge or his Representative including all labour & materials nothing shall be paid extra on any account.							
4	NS4	8.00	Sqm	5587.48	44699.84	AT Par	44699.84	
	Description:- Supply & fixing of display name sign, place made out of 3mm ACP sheet 0.25mm thickness with digital print on Avery's dennison vinyl LD 1710 G, with lamination LD 171212G with 10 years warranty of colour fading and fix on wall with help of steel screw.							
5	NS5	5.00	Each	1494.13	7470.65	AT Par	7470.65	
	Description:- Providing & fixing of C.P hand spray (Health faucet) of Jaguar ALD573 / CERA CG106/ParrywareT9941A1 button control and flexible hose connection with CP holder for hand spray complete including CPT extension for connection from angle valve for filling of WC tank complete in all respects and making good asper direction of Engineer-Incharge							
6	NS6	9.00	Each	3878.60	34907.40	AT Par	34907.40	
	Description:- Providing & fixing First Quality White vitreous china Oval Shaped over/ under counter Wash basin 505 x 410 mm with 32 mm dia cp brass bottle trap with CI brackets of Required Length and Size and other ancillary fittings as per Specifications							
7	NS7	32.00	Each	1191.20	38118.40	AT Par	38118.40	
	Description:- Supplying , Fixing ,jointing and testing of 15 mm dia CP brass Angle Valve of JAQUAR florentine FLR-5053N/CERA Ocean CQ608/Parryware Coral G1453 A1 with CP brass wall flange with any other item complete including cutting and Making good the wall Wherever required as per direction of Engineer-Incharge							
8	NS8	2.00	Each	705.85	1411.70	AT Par	1411.70	
	Description:- Providing & fixing JAQUAR Continental CAN-1161-N/ CERA Vermont CA408/Parryware T6506A1 robe hook, fixed to pvc rawl plug with cp brass screw as per direction of Engineer-Incharge complete with all labour and Materials.							
9	NS9	10.00	Each	4713.78	47137.80	AT Par	47137.80	

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	Description:- Providing & fixing CP brass single hole Wash basin mixer without popup waste system with 450 mm long braided hoses complete including cutting and Making good the wall Wherever required of JAQUAR florentine FLR-5167/NB/CERA Ocean CQ 615 A/ Parryware Coral G1414A1 make or Equivalent as Approved						
10	NS10	9.00	Each	2242.80	20185.20	AT Par	20185.20
	Description:- Providing and fixing Hindware Cat No F 190027/ Jaquar/ Cera or equivalent make concealed stop cock with internal body on hindware cat No. F- 850096 /Jaquar/ Cera or equivalent & all fittings and fixtures complete including cutting & making good the walls wherever required complete as per direction of engineer incharge. The rate is for complete job & nothing shall be paid extra for labour, material taxes, royalty, fixing & transportation etc.						
11	NS11	20.00	Each	1159.19	23183.80	AT Par	23183.80
	Description:- Providing and fixing Jayna LSF 140/ Jaquar/ Cera or equivalent make heavy duty C.P. Grating matt finish of size 140 X 140 mm with openable lid and with all fittings and fixtures complete including cutting & making good the walls/floors wherever required complete as per direction of engineer incharge. The rate is for complete job & nothing shall be paid extra for labour, material taxes, royalty, fixing & transportation etc.						
12	NS12	2.00	Each	1306.42	2612.84	AT Par	2612.84
	Description:- Providing and fixing of CP brass over head shower with arm, round shape multiflow of jaquar OHS 1989/ Cera CG401/Parryware T9934A1 or similar complete including cutting & making good the walls wherever required complete as per direction of Engineer in charge with contractor's labour, tool & plant including all taxes, royalties and fastener etc complete.						
13	NS13	6.00	Each	25001.12	150006.72	AT Par	150006.72
	Description:- Providing and fixing of rimless wall hung wc with PP soft hinge make of FLS-WHT-5953PPSM and concealed cistern make JCS-WHT-2400S or equivalent including cp bolts and nuts, floor fixing arrangements, soft close seat cover with CP hinges and rubber Buffers, Cp Brass screws, washer with all accessories						
14	NS14	2.00	Sqm	2244.87	4489.74	AT Par	4489.74
	Description:- Providing & fixing of Roller Blinds make ORINO or Equivalent with black out fabric shade as Approved with aluminium top & bottom including manual chain operating system . Rates inclusive of all the materials , Labour, machinery, tools and plants, taxes etc complete in all respect.						
15	NS15	2.00	Each	305.10	610.20	AT Par	610.20
	Description:- Providing 200mm stainless steel handle with necessary SS screw, etc, complete as per direction of Engineer-in-charge						
16	NS16	2.00	Each	9072.27	18144.54	AT Par	18144.54
	Description:- Providing and fixing Diverter of make of approved brand like Jaquar ALD-CHR-065 or 639 or equivalent						
17	NS17	30.00	Sqm	795.88	23876.40	AT Par	23876.40
	Description:- Precast Chequered factory made terrazzo tiles 30mm thick with graded marble chips of sizes upto 12mm in stairs treads jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing, rounding of nosing etc. complete on 20mm thick bed of cement mortar 1:4 (1cement:Coarse sand)- With ordinary cement without any pigment. (Cost of cement for mortar will be paid separately)						
18	NS18	8.00	Numbers	38693.31	309546.48	AT Par	309546.48
	Description:- Providing & fixing floor mounted e Toilet Cubical with door of Merino make or equivalent, Pilaster and divider of 12 mm thick board both side decorative compact laminated of required colour, shade. As required including stainless steel accessories (SS-304 grade) like top rail, door knob, thumb turn and occupancy indicator twin coat hook, door stopper, adjustable legs,. spring loaded butt hinges with cover, foot sliding latch with indicator PVC wall plugs and locking arrangement, SS Channels etc. as desired. all complete as per drawing and direction of EIC. (Cubical size= Width(W)=1300 to 1500mm, Depth(D)=1500mm, Height(H)= 2100 mm (Including bottom Gap of 100mm), Door size = 1925mm(H) X 600mm (W)).						
19	NS19	3.00	Each	4307.84	12923.52	AT Par	12923.52
	Description:- Providing and fixing Grab bar CERA 2509 /Jaquar/Hindware or equivalent make with all fittings and fixtures complete including cutting & making good the walls wherever required complete as per direction of engineer incharge.						
20	NS20	4.00	Each	26906.64	107626.56	AT Par	107626.56
	Description:- Providing and fixing white vitreous sensor operated Gents Urinal having pre & post flushing with water having water inlet from back side, including fixing of control Plate (Made of stainless steel sensor) to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in- charge						
21	NS21	600.00	Sqm	380.00	228000.00	AT Par	228000.00
	Description:- Providing and applying marbel texture based paint of average thickness 1mm,of approved brand and manufacturer over the plastered wall surface upto all height above ground level in panels with groove all around as per approved pattern complete as per direction of Engineer-in-charge (Payment for providing grooves shall not be made separately.)						

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22	NS22	70.00	Sqm	-527.78	-36944.60	AT Par	-36944.60	
	Description:- Dismantling and credit to railway for released material of existing service/residential buildings such as office rooms, verandah, service room, lavatory block etc. with contractor's own labour and equipments etc. at the site released materials such as rails, pipeline, electrical & telecommunication and the same will be stacked at SSE/Works store godown from dismantling of walls, roofing, floors all types of foundations to the required depth, trusses and ceiling at any height the other released materials will be the contractor's property and all the dismantled materials including rubbing etc. shall be removed simultaneously to keep the site clear for execution of other works as directed by the Engineer-In-Charge and as per special conditions of contract and standard specifications including all lead, lift, ascents, descents, crossing of railway tracks, level crossing, nallahs, and any other obstructions whatsoever including all handling, re-handling of materials etc. and all other charges to complete the work.							
23	NS23	350.00	Sqm	197.15	69002.50	AT Par	69002.50	
	Description:- Preparation and submitting the Design & drawing (Plan, section & elevation etc.) of RCC slab, beam, column, column footing, lintel & chajja etc. for construction of any Railway building as per GAD of Railway and Indian Standard Codes. (a) Design and RCC work shall be done as per Railway GAD & materials and as per Railway requirement based on IS code. (b) Drawing of RCC work shall be submitted in the tracing paper with three ammonia prints along with a soft copy in AUTO CAD. (c) Design and Drawing of RCC work shall in from of report duly proof checked by Govt. Engineering college / NIT's and will be submitted for approval of Railway. (d) The GAD is for ground floor however the Design of columns & beam is to be made for construction of G+ 2storey for future. (e) Payment shall be made after approval Design and Drawing of RCC work by Divisional officers.							
24	NS24	150.00	Sqm	474.81	71221.50	AT Par	71221.50	
	Description:- Development of Architectural drawings for elevation of Buildings and layouts for space planning as per approved railway plans/ drawings, furnishing specifications, design for interior/Exterior arrangements including colors scheme in the rooms and land scaping wherever required for any new/existing buildings and providing hard copies of drawings as required with all contractor's labour, material, tools, plants, stationery, transportation, taxes etc., and as directed by Engineer-in-charge							

3. ITEM BREAKUP

Schedule A-CPWD DSR 2023 Items						
Item- 1	All items of Earth Work appearing in chapter 2 of CPWD DSR (Amended up to date)					
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	1550	260.3	403465
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	389.4	196	76322.4
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	1470	700.5	1029735

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	2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.				
4	2.33.2	Beyond 60 cm girth upto and including 120 cm girth	Each	3	2373.5	7120.5
					Total	1516642.90
Item- 2	All items of Concrete & RCC Work appearing in chapter 4 & 5 of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	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 :				
1	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	10.5	7294.7	76594.35
2	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	440	6812	2997280
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
3	4.3.1	Foundations, footings, bases for columns	Sqm	750	392.15	294112.5
	4.10S	DAMP-PROOF COURSE				
4	4.11	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20mm nominal size derived from natural sources).	Sqm	300	495.75	148725
5	4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	per bag of 50 kg cement used	42	18.15	762.3
6	4.13	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7 kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	Sqm	110	146.15	16076.5
	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 :				
7	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	1.5	9045.75	13568.63
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
8	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	470	392.15	184310.5
9	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	6	927.25	5563.5
10	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	470	736.4	346108

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11	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	420	961.3	403746
12	5.9.7	Stairs, (excluding landings) except spiral-staircases	Sqm	18	764.95	13769.1
	5.9.16	Edges of slabs and breaks in floors and walls				
13	5.9.16.1	Under 20 cm wide	Metre	130	208.55	27111.5
14	5.9.20	Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	Sqm	320	1028.4	329088
	5.11	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured).				
15	5.11.1	Suspended floors, roofs, landing, beams and balconies (Plan area to be measured)	Sqm	320	384.3	122976
	5.12S	PRE-CAST RCC				
16	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	1.5	10585.9	15878.85
	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	14850	107.85	1601572.5
	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	23500	107.85	2534475
	5.33S	DESIGN MIX CONCRETE				
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.:				
	5.33.1	All works upto plinth level				
19	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	100	9504.75	950475
	5.33.2	All works above plinth level upto floor V level				
20	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	158	9860.4	1557943.2

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21	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	90.3	733.5	66235.05
					Total	11706371.48
Item- 3	All items of Masonry Work appearing in chapter 6 of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	6.0	MASONRY WORK				
	6.1S	General				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
1	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	198	7132.25	1412185.5
	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 :				
2	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	234	9105.95	2130792.3
	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.				
3	6.13.1	Cement mortar 1:3 (1 cement :3 coarse sand)	Sqm	40	1150.5	46020
					Total	3588997.80
Item- 4	All items of Steel Work appearing in chapter 10 of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	10.0	STEEL WORK				
	10.1S	General				
1	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	19000	133.7	2540300
	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.				
2	10.16.3	Electric resistance or induction butt welded tubes	Kg	3550	194.4	690120
3	10.18	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	Each	9	220.65	1985.85
4	10.20	Providing and fixing bolts including nuts and washers complete.	Kg	275	159.35	43821.25
	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.				
5	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	1320	172.6	227832

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6	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	3400	772.4	2626160
Total					6130219.10	
Item- 5	All items of Flooring work appearing in chapter 11 of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	11.0	FLOORING				
	11.16S	TILE FLOORING				
	11.16	Precast terrazzo tiles 22 mm thick with graded marble chips of size upto12 mm, laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand) :				
1	11.16.4	Ordinary cement without any pigment	Sqm	340	1386.8	471512
	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) :				
2	11.26.1	25 mm thick	Sqm	220	1948.25	428615
	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.1	Double charge vitrified tile polished finish of size				
3	11.41A.1.1	Size of Tile 600 x 600 mm	Sqm	45	1453.65	65414.25
4	11.41A.1.3	Size of Tile 600 x 1200 mm	Sqm	45	1577.15	70971.75
	11.41A.3	Glazed Vitrified tiles Matt/Antiskid finish of size				
5	11.41A.3.2	Size of Tile 600 x 1200 mm	Sqm	120	1797.3	215676

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	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).				
6	11.47.2	Size of Tile 600x600 mm	Sqm	380	1893.9	719682
	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.				
7	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.				
8	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	Sqm	240	4481.3	1075512
9	11.56.2	Polished Granite stone slab of all colour and texture except Black, Cherry/Ruby Red	Sqm	40	3071.05	122842
					Total	3324750.00
Item- 6 All items of Finishing work appearing in chapter 13 of CPWD DSR (Amended up to date)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
1	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	440	347.05	152702
2	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	600	333.35	200010
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
3	13.2.1	1:4 (1 cement: 4 fine sand)	Sqm	250	399.45	99862.5
4	13.2.2	1:6 (1 cement: 6 fine sand)	Sqm	1500	383	574500
	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 :				
5	13.7.2	1:4 (1 cement: 4 fine sand)	Sqm	45	425.55	19149.75
	13.20S	PEBBLE DASH PLASTER				
	13.24	Extra for plastering done on moulding, cornices or architraves including neat finish to line and level:				
6	13.24.1	In one coat	Sqm	135	713.2	96282
7	13.24.2	In two coats	Sqm	15	1175.75	17636.25
8	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	2800	262.7	735560
	13.44S	EXTERIOR FINISHING				

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	13.48	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
9	13.48.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	Sqm	4500	193.7	871650
	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
10	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	450	226.25	101812.5
	13.63	Painting with aluminium paint of approved brand and manufacture to give an even shade .				
11	13.63.1	Two or more coats on new work	Sqm	1250	146.8	183500
12	13.71	Lettering with black Japan paint of approved brand and manufacture	per letter per cm height	1200	6.15	7380
	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
13	13.83.1	One coat	Sqm	1300	95.45	124085
14	13.83.2	Two coats	Sqm	1900	142.8	271320
					Total	3455450.00
Item- 7	All items of Road work appearing in chapter 16 of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	16.0	ROAD WORK				
	16.1S	ROADS				
1	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	Sqm	450	218.9	98505
	16.49S	MISCELLANEOUS				
2	16.62	Providing and applying 2.5 mm thick road marking strips (retro- reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	Sqm	250	747.8	186950

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3	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured to calculate volume for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	4.8	10117.6	48564.48
4	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	40	9823.8	392952
5	16.90	Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x9.8mm having with water absorption less than 0.5% and conforming to IS:15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	Sqm	165	2017.6	332904
	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.				
6	16.91.1	60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	Sqm	550	1045.65	575107.5
7	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	650	1091.5	709475
					Total	2344457.98
Item- 8	All items of Sanitary Installations, Water supply & Drainage work appearing in chapter 17, 18 & 19 of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				

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	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231,with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
1	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	4	6767.4	27069.6
2	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	4	349.15	1396.6
3	17.22A	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	14	1034.8	14487.2
	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				
4	17.28.1.1	32 mm dia	Each	9	103.9	935.1
	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 :				
5	17.32.4	Rectangular shape 1500x450 mm	Each	5	2093	10465
	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)				
6	18.7.2	20 mm nominal dia Pipes	Metre	80	335	26800
7	18.7.3	25 mm nominal dia Pipes	Metre	120	401.55	48186
	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
8	18.8.2	20 mm nominal dia Pipes	Metre	120	537.6	64512
9	18.8.3	25 mm nominal dia Pipes	Metre	120	627.25	75270
	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				

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10	18.9.6	50 mm nominal dia Pipes	Metre	80	794.25	63540
	18.15S	BRASS FITTINGS				
	18.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	18.21.2	45 cm length				
11	18.21.2.1	15 mm nominal bore	Each	24	97.75	2346
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
12	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	2000	11	22000
	18.49S	C.P. BRASS FITTINGS				
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
13	18.49.1	15 mm nominal bore	Each	5	506.8	2534
	18.54S	PTMT FITTINGS				
	18.57	Providing and fixing PTMT, push cock of approved quality and colour.				
14	18.57.1	15 mm nominal bore, 98 mm long, weighing not less than 75 gms	Each	24	112.8	2707.2
	19.0	DRAINAGE				
	19.1S	STONE WARE PIPES AND FITTINGS				
	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
15	19.1.2	150 mm diameter	Metre	65	695.8	45227
	19.3	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand :10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design :				
16	19.3.2	150 mm diameter S.W. pipe	Metre	65	743.1	48301.5
					Total	455777.20
Item- 9	All items of all other chapters except S.No. 1 to 8 mentioned above of CPWD DSR (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	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				
1	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	60	5413.5	324810
2	8.2.2.2	Area of slab over 0.50 sqm	Sqm	30	5136.3	154089

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	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
3	8.3.2	Granite work	Metre	220	510.95	112409
4	8.4	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	Metre	40	568.55	22742
	9.0	WOOD AND P.V.C. WORK				
	9.15	FRAMES AND TRUSSES				
	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				
5	9.7.7.2	5.0 mm thick glass panes (weight not less than 12.50 kg/sqm).	Sqm	18	2600.45	46808.1
	9.105S	GYPSUM BOARD PARTITIONS				
	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.				
	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.				

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6	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	14	10993.55	153909.7
	9.147.B1	Two track two panels sliding door with Aluminium channel for roller track, wool pile, zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system, adjustable nylon rollers with SS 304 body.				
7	9.147.B1.1	Using R3 series with frame (55 mm & above) x (40 mm & above) & sash (30 mm & above) x (74 mm & above). (Height upto 2.5 metre).	Sqm	2.5	8106.3	20265.75
	9.147.C1	Fixed window / ventilator without mullion / transom.				
8	9.147.C1.2	Using R2 series with frame (39mm & above) x (39mm & above). (Height upto 1.2 meter)	Sqm	14	8054.75	112766.5
	9.147.F1	Casement door single panel with zinc alloy (zamak) 3D hinges, multi-point locking system with cylinder, zinc alloy (zamak) powder coated handles on both sides.				
9	9.147.F1.1	Using R3 series with frame (55 mm & above) x (50mm & above) & sash (55 mm & above) x (85mm & above) (Height upto 2.5 meter).	Sqm	5	12496.05	62480.25
	12.0	ROOFING				
	12.1S	SHEET ROOFING				
10	12.11	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	Metre	448	195.6	87628.8
	12.15	Painting top of roofs with bitumen of approved quality @ 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete :				
11	12.15.1	With residual type petroleum bitumen of grade VG -10	Sqm	340	166.2	56508
	12.19	Providing and laying brick tiles over mumty roofs, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement, over 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat:				
12	12.19.1	With common burnt clay F.P.S. (non modular) brick tiles of class designation 10	Sqm	250	607.4	151850
	12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
13	12.21.1	In 75x75 mm deep chase	Metre	530	305.15	161729.5
	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.				
14	12.41.2	110 mm diameter	Metre	195	377.4	73593

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	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.				
	12.42.4	Single tee without door				
15	12.42.4.2	110x110x110 mm	Each	14	221.35	3098.9
	12.42.5	Bend 87.5 degree				
16	12.42.5.2	110 mm bend	Each	55	150.35	8269.25
	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.				
17	12.43.2	110 mm	Each	6	371.3	2227.8
	12.45	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 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 :				
18	12.45.3	12.5 mm thick tapered edge gypsum moisture resistant board	Sqm	200	1529.1	305820

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19	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	960	738.65	709104
	14.0	REPAIRS TO BUILDING				
	14.15	General				
20	14.13	Regrading terracing of mud phaska covered with tiles or brick, in cement mortar by dismantling tiles or bricks, removing mud plaster, preparing the surface of mud phaska to proper slope, relaying mud plaster gobri leaping and tiles or bricks, grouted in cement mortar 1:3 (1 cement : 3 fine sand), including replacing unserviceable tiles or bricks with new ones and disposal of unserviceable material to the dumping ground (the cost of the new tiles or brick excluded), all complete as per direction of Engineer-in-Charge.	Sqm	850	696.05	591642.5
	15.0	DISMANTLING AND DEMOLISHING				
	15.15	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.				
21	15.2.1	Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	cum	20	2434.25	48685
22	15.2.2	Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	cum	20	1503.6	30072
	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.				
23	15.7.4	In cement mortar	cum	80	2060.2	164816
	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
24	15.12.1	Of area 3 sq. metres and below	Each	1	367.2	367.2
	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
25	15.17.2	Channels, angles, tees and flats	Kg	980	2.3	2254
	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
26	15.23.1	For thickness of tiles 10 mm to 25 mm	Sqm	70	73.4	5138

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27	15.26	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Sqm	800	105.35	84280
	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
28	15.28.1	G.S. Sheet	Sqm	20	164.95	3299
29	15.28.2	Asbestos Cement sheet	Sqm	210	77.3	16233
30	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	80	54.65	4372
31	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	600	263.95	158370
	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.				
32	21.4.1	With stainless steel cover plate minimum 1.25 mm thickness	Each	2	2823.85	5647.7
33	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	4.8	5325.9	25564.32
	22.0	WATER PROOFING				
	22.1S	General				
	22.14	Grading roof for water proofing treatment with				
34	22.14.2	Cement mortar 1:3 (1 cement : 3 coarse sand)	cum	64	16112.1	1031174.4
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.41S	NEW TECHNOLOGY ITEMS				
35	26.56	Application of ZMB 60/equivalent solution (100 Kg ZMB 60/equivalent, 1 litre ZMB Nano Thinner, 20 litre water & 1 Litre Zycoprime/equivalent = 122 litre/kg) over already applied coat of Zycosil/equivalent & Zycoprime/equivalent solution on the top of all the RCC plinth beams by brush/spray coat before erection of GFRG over RCC plinth beams in GF. In the case of upper floors 150 mm wide on floor slab for all the external walls, bath/toilet/wet areas (3 hrs drying time) before erection of wall panel on upper floors including erection of parapet wall.	Sqm	1520	371.25	564300
					Total	5306324.67

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Schedule B-IRUSSOR 2021 items						
Item- 1	All items of Miscellaneous Items appearing in chapter 21 of IRUSSOR Items(Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Hiring of machinery for minor miscellaneous works for short duration including operator/driver, fuel, lubricants and consumable. The contractor shall arrange all statutory permits as required by rules and regulations prevailing in the area of work. Payment shall be made for actual working hours at site.				
1	211201	JCB Backhoe Loaders 3DX Plus or similar with minimum 1.10 cum bucket capacity	Hour	30.00	864.02	25920.60
					Total	25920.60

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Financial Eligibility Criteria: 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-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note :- (i) For Joint Venture (JV): The tenderer shall submit credentials as mentioned in Clause 17 of GCC April 2022 (Ammended upto date). (ii) In case, date of tender inviting is on or after date of statutory deadline for audit of balance sheet of previous Financial Year (i.e. 30th Sept. or as further extended for this FY), audited balance sheet of 4th previous year shall not be considered unless concerned CA certifies that balance sheet is not audited yet as on date of invitation of this tender.	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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: (a) Three similar works costing not less than the amount equal to 30% of advertised value of the tender, or (b) Two similar works costing not less than the amount equal to 40% of advertised value of the tender, or (c) One similar work costing not less than the amount equal to 60% of advertised value of the tender. Note :- For Joint Venture (JV): The tenderer shall submit credentials as mentioned in Clause 17 of GCC April 2022 (Ammended upto date).	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Any Civil Engineering work	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.

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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.
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

Commercial-Compliance

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

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	1. The quantities and cost mentioned above are rough and only for guidance and may vary according to needs of the railways and variation there of may extent will not be the basis of any claims against the Railway. 2 The work shall be carried out as per Central Public Works Department Specifications Volume- I & II 2023 & IRUSSOR-21 (Amended up to date). 3. The rates should be inclusive of all charges such as tools and plants and all cost of labour & material, taxes etc. Extra payment what so ever on any account will not be payable to the contractor. 4 The contract shall be governed under General Condition of contract and instructions to tenderer-2022 (Amended up to date). 5. All tools & plants and mechanical equipments required for execution of work shall be arranged by the contractor. 6. Contractor/ suppliers/ service providers/ parties shall register their firms under EPFO & GSTIN (GST Identification Number). 7. All safety arrangements as required to be made by the contractor's at his own cost during execution of work to avoid any mishappening. Nothing shall be paid extra on this account and no claim liable on the Railway	No	No	Not Allowed
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Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We also understand that if the contents of the documents 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.	No	No	Not Allowed
2	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)	No	No	Not Allowed
3	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderers shall submit a copy of certificate as detailed in related Para no. 11(vii) of General Condition as Annexure -A-1A. Performa of certificate is enclosed in general condition.	No	No	Allowed (Mandatory)
2	The tenderer shall submit copy regarding status of firm i.e. sole proprietorship, partnership, Company, Society/Trust etc. and also submit a power of attorney as detailed in related Para no. 13 of General Condition.	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	SplcondforNSitemforSSAbalancework.pdf	Spl cond for NS items
2	Specialconditionsforcivilwork.pdf	Spl cond for civil work
3	GCC-2022-uptoACS104.3.25.pdf	GCC April 2022 upto ACS10 updated
4	Generalcondition01.04.26From01-26-27_compressed.pdf	General Condition
5	GCCACS11_compressed.pdf	Correction slip no.11of GCC 2022

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.

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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: VISHNU CHAUDHARY

Designation : DENeast