

**RATLAM DIVISION-ENGINEERING/WESTERN RLY
TENDER DOCUMENT**

Tender No: RTM-2026-27-49

Closing Date/Time: 31/07/2026 15:00

Sr.DEN-Co/RTM acting for and on behalf of The President of India invites E-Tenders against Tender No **RTM-2026-27-49** Closing Date/Time 31/07/2026 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	Bakanian Bhaunri and Bolai Station- Raising of platform no.1, 2 & 3 at Bakanian Bhaunri Station and 04 meter wide Foot Over Bridge with 02 ramps on each Station at Bakanian Bhaunri and Bolai.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	31/07/2026 15:00	Date Time Of Uploading Tender	23/06/2026 11:23
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	88285968.08	Tendering Section	WA SECTION
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	1765700.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	15 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	17/07/2026		
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 () 1-Schedule - A (CPWD DSR Items)							79650285.86	Above/ Below/Par
1	Please see Item Breakup for details.				117132773.32	(-) 32.00	79650285.86	
	Description:- Schedule - A (CPWD DSR Items)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 2-Schedule - B (IRUSSOR Items)							2631529.06	Above/ Below/Par
2	Please see Item Breakup for details.				3086475.56	(-) 14.74	2631529.06	
	Description:- Schedule - B (IRUSSOR Items)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 3-Schedule - C (IRUSSOR Item)							1084876.14	Above/ Below/Par
3	Please see Item Breakup for details.				1465454.74	(-) 25.97	1084876.14	
	Description:- Schedule - C (IRUSSOR Item)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 4-Schedule - D (IRUSSOR Items)							2302828.89	Above/ Below/Par
4	Please see Item Breakup for details.				2977539.30	(-) 22.66	2302828.89	
	Description:- Schedule - D (IRUSSOR Items)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 5-Schedule - E (IRUSSOR Items)							406404.25	Above/ Below/Par

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5	Please see Item Breakup for details.				385546.20	5.41	406404.25	
	Description:- Schedule - E (IRUSSOR Items)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 6-Schedule - F (IRUSSOR Items)							311671.48	Above/ Below/Par r
6	Please see Item Breakup for details.				592644.00	(-) 47.41	311671.48	
	Description:- Schedule - F (IRUSSOR Items)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () 7-Schedule - G (NS Items)							1898372.40	Above/ Below/Par r
7	Please see Item Breakup for details.				1898372.40	AT Par	1898372.40	
	Description:- Schedule - G (NS Items)							

3. ITEM BREAKUP

Schedule	Schedule 1-Schedule - A (CPWD DSR Items)						
Item- 1	Schedule - A (CPWD DSR Items)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
	1.0	CARRIAGE OF MATERIALS					
	1.1	By Mechanical Transport including loading, unloading and stacking					
	1.1.1	Lime, moorum, building rubbish					
1	1.1.1.3	3km	cum	5	219.03	1095.15	
	1.1.2	Earth					
2	1.1.2.1	1km	cum	5	217.55	1087.75	
3	1.1.2.3	3km	cum	6	273.79	1642.74	
	1.1.11	Steel					
4	1.1.11.1	1km	Tonne	5	154.7	773.5	
5	1.1.11.3	3km	Tonne	5	194.7	973.5	
	2.0	EARTH WORK					
	2.1S	General					
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.					
6	2.6.1	All kinds of soil	cum	1400	177.5	248500	
	2.7	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
7	2.7.1	Ordinary rock	cum	150	498.9	74835	
8	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	4350	196	852600	
	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.					
9	2.26.1	All kinds of soil	cum	200	126.8	25360	
10	2.36	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	cum	80	93.05	7444	
	4.0	CONCRETE WORK					
	4.1S	CEMENT CONCRETE (CAST IN SITU)					

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	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 :				
11	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	45	8340.85	375338.25
12	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	45	7878.5	354532.5
13	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	1120	7294.7	8170064
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
14	4.3.1	Foundations, footings, bases for columns	Sqm	220	392.15	86273
	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 :				
15	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	135	9045.75	1221176.25
	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 :				
16	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	150	10852.95	1627942.5
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
17	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	1400	392.15	549010
18	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	2500	842.5	2106250
19	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	400	927.25	370900
20	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	400	736.4	294560
21	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	250	961.3	240325
22	5.9.7	Stairs, (excluding landings) except spiral-staircases	Sqm	150	764.95	114742.5
	5.9.16	Edges of slabs and breaks in floors and walls				
23	5.9.16.1	Under 20 cm wide	Metre	60	208.55	12513
24	5.9.19	Weather shade, Chajjas, corbels etc., including edges	Sqm	70	951.1	66577
	5.12S	PRE-CAST RCC				
25	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	180	10585.9	1905462
	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.				

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26	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	78450.5	107.85	8460886.43
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
27	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	56300	107.85	6071955
	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				
28	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	160	9504.75	1520760
	5.33.2	All works above plinth level upto floor V level				
29	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	110	9860.4	1084644
30	5.33.2.3	Concrete of M35 grade with minimum cement content of 370 kg /cum	cum	40	10162.35	406494
31	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	300	733.5	220050
	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:				
32	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	40	7132.25	285290
	6.26S	EXPOSED BRICK WALL				
	6.32	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :				
33	6.32.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	60	9333.45	560007
	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				
34	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	52	5413.5	281502
35	8.2.2.2	Area of slab over 0.50 sqm	Sqm	52	5136.3	267087.6
	8.20S	STONE WORK DRY CLADDING				

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36	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	60	1267.95	76077
37	8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including:(a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.(b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4 mm thick aluminium composite panel material consisting of 3 mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5 mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF /Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, 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 curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium items. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , 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. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminium Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.	Sqm	110	5015.05	551655.5
	9.0	WOOD AND P.V.C. WORK				
	9.15	FRAMES AND TRUSSES				
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
38	9.1.1	Second class teak wood	cum	1	142949.7	142949.7

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	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				
39	9.5.1.2	30 mm thick shutters	Sqm	10	3747.3	37473
	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				
40	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.				
41	9.20.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	20	3167.95	63359
	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
42	9.21.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	20	2172.1	43442
	9.22	Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to IS: 2202 (Part I)				
43	9.22.1	On one side only	Sqm	36	478	17208
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	9.95	Providing and fixing ISI marked aluminium butt hinges 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	9.95.1	125x75x4 mm	Each	50	150.1	7505
	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
45	9.96.1	300x16 mm	Each	50	303.25	15162.5
	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 :				
46	9.97.1	300x10 mm	Each	50	130.1	6505
	9.105S	GYPSON BOARD PARTITIONS				

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47	9.119	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer- in-Charge.	Metre	50	492.7	24635
	9.120	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, panelling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.				
48	9.120.1	30 mm thick plain PVC door shutters	Sqm	15	3182.95	47744.25
	10.0	STEEL WORK				
	10.15	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	9500	117.35	1114825
50	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	274000	133.7	36633800
	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	10.16.1	Hot finished welded type tubes	Kg	10000	194.4	1944000
52	10.16.2	Hot finished seamless type tubes	Kg	5000	206.35	1031750
53	10.16.3	Electric resistance or induction butt welded tubes	Kg	1250	194.4	243000
54	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	5000	97.2	486000

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55	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	2700	772.4	2085480
	11.0	FLOORING				
	11.165	TILE FLOORING				
	11.20	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).				
56	11.20.1	Light shade pigment using white cement	Sqm	400	1402	560800
57	11.20.2	Medium shade pigment using 50% white cement 50% Grey cement	Sqm	900	1328.35	1195515
58	11.20.3	Dark shade pigment using ordinary cement	Sqm	900	1119.5	1007550
	11.21	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge.				
	11.21.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
59	11.21.1.1	Acid and alkali resistant tile	Sqm	110	1738.15	191196.5
	11.265	KOTA STONE FLOORING				
	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
60	11.26.1	25 mm thick	Sqm	4300	1948.25	8377475
61	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm	90	2354.7	211923
	11.285	SAND STONE FLOORING				
	11.28	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush.				
62	11.28.2	White sand stone	Sqm	350	1342.65	469927.5
	11.415	VITRIFIED FLOOR TILES				
	11.41	Providing and laying vitrified floor 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 make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ s q m including grouting the joints with white cement and matching pigments etc., complete.				
63	11.41.2	Size of Tile 600x600 mm	Sqm	325	1553.45	504871.25

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	11.51	Providing and laying machine cut, mirror polished, Italian Marble stone flooring laid in required pattern in linear portion of the building all complete as per architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
64	11.51.1	18 mm thick Italian Marble stone slab, Perlato, Rosso Verona, Fire Red or Dark Emperador etc.	Sqm	28	6603.35	184893.8
	11.55	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :				
65	11.55.1	Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	Sqm	180	3186.7	573606
	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.				
66	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	Sqm	100	4481.3	448130
	12.0	ROOFING				
	12.24S	CEILING				
	12.24	Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) :				
	12.24.1	Natural colour insulating board				
67	12.24.1.1	12 mm thick	Sqm	120	924.35	110922
	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.				
68	12.41.1	75 mm diameter	Metre	70	248.8	17416
69	12.41.2	110 mm diameter	Metre	120	377.4	45288

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70	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	550	738.65	406257.5
	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 :				
71	12.51.1	Ridges plain (500 - 600mm)	Metre	90	532.35	47911.5
72	12.51.6	Gutter (600 mm over all girth)	Metre	72.27	1313.7	94941.1
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
73	13.1.1	1:4 (1 cement: 4 fine sand)	Sqm	150	347.05	52057.5
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
74	13.2.2	1:6 (1 cement: 6 fine sand)	Sqm	380	383	145540
	13.4S	CEMENT PLASTER (IN COARSE SAND)				
	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				
75	13.5.1	1:4 (1 cement: 4 coarse sand)	Sqm	400	411.75	164700
	13.11S	CEMENT PLASTER IN TWO COATS				
76	13.11	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	Sqm	2000	518.55	1037100
	13.16S	6 mm CEMENT PLASTER				
	13.16	6 mm cement plaster of mix :				
77	13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	380	300.45	114171
	13.44S	EXTERIOR FINISHING				
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
78	13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	2300	171.1	393530
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
79	13.61.1	Two or more coats on new work	Sqm	1800	155.9	280620
	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
80	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	225	226.25	50906.25
	13.63	Painting with aluminium paint of approved brand and manufacture to give an even shade .				
81	13.63.1	Two or more coats on new work	Sqm	550	146.8	80740

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82	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	500	156.05	78025
	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.				
83	13.83.2	Two coats	Sqm	1600	142.8	228480
	14.0	REPAIRS TO BUILDING				
	14.26S	WOOD WORK				
84	14.29	Providing and fixing M.S. round or square bars with M.S. flats at required spacing in wooden frames of windows and clerestory windows.	Kg	750	120.75	90562.5
	15.0	DISMANTLING AND DEMOLISHING				
	15.1S	General				
85	15.1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer- in-charge.	cum	15	851.5	12772.5
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
86	15.2.1	Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	cum	19	2434.25	46250.75
87	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	14	3551.25	49717.5
	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
88	15.7.4	In cement mortar	cum	15	2060.2	30903
	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
89	15.17.1	R.S. Joists	Kg	10	3.4	34
90	15.17.2	Channels, angles, tees and flats	Kg	10	2.3	23
91	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	Kg	100	5.65	565
	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
92	15.23.1	For thickness of tiles 10 mm to 25 mm	Sqm	100	73.4	7340
93	15.23.2	For thickness of tiles above 25 mm and up to 40 mm	Sqm	40	113.35	4534
94	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Sqm	40	266.45	10658
	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
95	15.28.1	G.S. Sheet	Sqm	10	164.95	1649.5
96	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	30	263.95	7918.5
	16.0	ROAD WORK				

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	16.1S	ROADS				
	16.3	Supplying and stacking at site.				
97	16.3.10	Moorum	cum	4400	768.25	3380300
98	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	400	1046.95	418780
	16.42S	CONCRETE PAVEMENTS				
	16.43	Providing and laying design mix cement concrete of M-30 grade, in roads/taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved and specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction and longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately).				
99	16.43.1	Cement concrete prepared with batch mixing machine	cum	50	10529.35	526467.5
	16.49S	MISCELLANEOUS				
100	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	1350	972	1312200
101	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	975	9823.8	9578205
	16.87	Providing and laying gang saw cut 30 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath, flooring in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.				
102	16.87.1	With granite stone of colour black, cherry/ruby red of area less than 0.50 sqm.	Sqm	40	4950.9	198036
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				

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	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 :				
103	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	10	6258.75	62587.5
	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:				
104	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	10	2648.85	26488.5
	17.14	Extra for using coloured W.C. pan instead of white W.C. pan :				
105	17.14.1	Orissa pattern W.C. pan 580x440 mm	Each	10	426.8	4268
106	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	10	349.15	3491.5
	17.18	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.				
107	17.18.1	10 litre capacity - White	Each	20	1190.65	23813
108	17.22	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan.	Each	20	142.85	2857
	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				
109	17.28.1.1	32 mm dia	Each	20	103.9	2078
110	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	10	1607.95	16079.5
	17.32	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
111	17.32.1	Circular shape 450 mm dia	Each	10	1479.05	14790.5
112	17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	10	231.95	2319.5
113	17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	Each	2	14999.15	29998.3
	18.0	WATER SUPPLY				
	18.75	C.P.V.C. PIPES				
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, 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)				
114	18.7.2	20 mm nominal dia Pipes	Metre	50	335	16750

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115	18.7.3	25 mm nominal dia Pipes	Metre	100	401.55	40155
	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				
116	18.9.2	20 mm nominal dia Pipes	Metre	50	274.3	13715
117	18.9.3	25 mm nominal dia Pipes	Metre	100	355.4	35540
	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work				
118	18.12.6	50 mm dia nominal bore	Metre	100	762.15	76215
119	18.12.8	80 mm dia nominal bore	Metre	50	1041.7	52085
	18.15S	BRASS FITTINGS				
	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
120	18.18.1	15 mm nominal bore	Each	15	406.85	6102.75
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
121	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	20000	11	220000
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
122	18.63	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	Each	25	156.9	3922.5
	21.0	ALUMINIUM WORK				
	21.1S	General				
	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion				
123	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	150	530.9	79635
	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
124	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	150	634.45	95167.5
	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
125	21.3.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	Sqm	10	1176.8	11768

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126	21.17	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	Kg	100	638.35	63835
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.41S	NEW TECHNOLOGY ITEMS				
127	26.65	Providing and fixing roofing consist of 0.8 mm thick galvanized steel deck sheet confirming to IS 277:1992 used as permanent shuttering over which MS wire mesh 3mm laid at 100x100 mm grid including edge trim covered with concrete. This metal deck will be supported on structural steel beam with shear studs. (Structural steel like Beam, column, joists etc. & concrete of different grade as per design will be paid separately).	Sqm	650	1525.6	991640
					Total	117132773.32
Schedule	Schedule 2-Schedule - B (IRUSSOR Items)					
Item- 2	Schedule - B (IRUSSOR Items)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	013080	Shoring with 'Z' section MS sheet piles side by side in all kinds of soil mechanically or manually as per approved drawing with contractor's own arrangement complete in all respects and removal of sheet piles after completion of the work as directed by engineer in-charge Note: Payment will be made as per actual driven length of pile.	Sqm	152.00	1068.67	162437.84
		Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil up to a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines.				
2	022011	All kinds of soils	cum	560.00	213.47	119543.20
		Providing and laying in position Plain cement concrete of specified Nominal Mix for miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level :				
3	022034	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	cum	72.00	4079.81	293746.32

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4	022040	Providing and laying in position machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix (mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants) using 20mm graded crushed stone aggregate and coarse sand of approved quality in RCC raft foundation & Pile cap including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.	cum	455.00	4115.74	1872661.70
		Centering and shuttering including strutting, propping etc. and removal of form for :				
5	025031	All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc. up to 5m above ground level	Sqm	855.00	746.30	638086.50
					Total	3086475.56
Schedule Schedule 3-Schedule - C (IRUSSOR Item)						
Item- 3 Schedule - C (IRUSSOR Item)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supply and using Cement at Worksite				
1	025072	Ordinary Portland Cement 53 grade of approved brands/makes	MT	158.00	9275.03	1465454.74
					Total	1465454.74
Schedule Schedule 4-Schedule - D (IRUSSOR Items)						
Item- 4 Schedule - D (IRUSSOR Items)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	041020	Supplying and fixing HSFG bolts of any dia and any length with suitable nuts including DTI washers conforming to IRS-B1-2001 for bridges and steel structures with contractors labour, tools and plants and lead and lift etc., complete.	Kg	3500.00	354.38	1240330.00
2	041060	Supplying and fixing M.S. Angles 65mmx 65mmx 8mm or any other size conforming to IS:2062 in the nosing of steps of stair cases of Foot Over Bridges including provision of 10mm dia, anchor bar 600mm c/c and fixing with main girder with M.S. flat, making anti-slip arrangements over the top of nosing as per approved scheme given by Engineer in charge with all material, labour, T&P as a complete job.	Kg	500.00	114.24	57120.00
3	041300	Assembling and erecting pre-fabricated structures, such as columns, beams, girders, other members of FOBs and sheds; including leading all structural elements within 1 Km lead, bolting, riveting or welding as per approved drawing or as directed by Engineer In-charge. Rate shall include cost of labour, materials, tools & plants and only pre-fabricated structural elements shall be given by Railway. (Work not requiring traffic or power block).	MT	130.00	11363.37	1477238.10
		Launching in position, by any approved method, pre-fabricated Steel Girders, precast PSC girders/slabs, casted at casting bed developed at site, to correct alignment and level over the bed block / pedestal with all required arrangements, complete in all respect.				
4	041322	Structural steel plate girders	MT	80.00	2535.64	202851.20
					Total	2977539.30

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Schedule	Schedule 5-Schedule - E (IRUSSOR Items)					
Item- 5	Schedule - E (IRUSSOR Items)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Loading, transportation of Precast RCC Girders / Slabs / Ballast retainers / Steel Girders etc. from Casting Yard to Site of Work, unloading and stacking at site of work at prescribed location as directed by Engineer-in-Charge above 60 kms.				
1	031174	Above 150 km up to 200 km	MT	130.00	1115.43	145005.90
2	031175	Above 200 km	MT-Km	45045.00	5.34	240540.30
					Total	385546.20
Schedule	Schedule 6-Schedule - F (IRUSSOR Items)					
Item- 6	Schedule - F (IRUSSOR Items)					
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	400.00	846.09	338436.00
2	211202	Hydra or similar tyre mounted Pick-n-Carry crane of 12T capacity for misc. works of handling of material	Hour	120.00	2118.40	254208.00
					Total	592644.00
Schedule	Schedule 7-Schedule - G (NS Items)					
Item- 7	Schedule - G (NS Items)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	1/NS- Supplying, manufacturing, fabrication, testing and welding with stud guns etc. .of normal headed / round studs shear connections 25 mm dia. and 120 mm length confirming to IS 3935-66 as per specification of RDSO Drg.No.B11753,5251 & RDSO-B- 11757-1 along with ferrules on top flanges of girders for decks labs, as per the direction/approval of Engineer in charge. Incase shear connections/studs of others sizes are required, then payment/ recovery on prorata basis of weight shall be made. the rate is inclusive of all taxes, services charges, transportation, lead & lift, wastage etc. complete in all respect. Nothing extra shall be payable other than the rate quoted. Nothing extra shall be payable against any breakdown of machines. site facilities shall be provided by the contractor at site. The facility of required Electricity of400/440 V power source K/380 KVA DG set, cable400 A switch fuse, loading& unloading the machine from truck and to carry to site shall be done by the contractor.	Numbers	3560.00	227.13	808582.80
2	2	2/NS- Extra over a over item no. 41322 for launching girders under traffic block (Specification for this item will follow the specifications of WR-USSOR-2019 item No.41300/22)	MT	80.00	8784.87	702789.60

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3	3	3/NS - Providing, Fabricating & laying of color coated Galvalume (Proflex system roofing)material for self-supported roofing system (Technology similar to Proflex system provided by M&B engineering Pvt. Ltd., Ahmedabad), Material shall be of the following specification, BMT 0.90mmto1.00mm, APT 0.95mmTolerance +/- 0.02mmthick, width 605 mm or as decided by Railway (Tolerance+/-2mm), including supplying, loading, transporting, unloading and staking at the site, fabricating and laying with contractors tools, plants, machinery materials and fixtures labors including all lead and lift and laps/ wastage if any etc. complete. The colour of sheet will be decided by Railway. The rate is also inclusive of designing of roofing system proof ticking and providing execution drawing. Fabrication and installation of self-supported roofing technology similar to Profiles System provided by M&L Engineering Pvt. Ltd., Ahmedabad or decided by an engineer. Note: The roofing system should be self-supported roofing system (i.e. without trusses, purlins or any ancillary supplies shall be designed by the Contractor through the consultant and you duly proof checked from VITI /Indian Institute of Technology, Mumbai, any other Govt. agencies .Design and drawing will be approved by Railways. For design of roofing system relevant load parameters of IS code of practice to be adopted. The cost of designing and proof checking of design and drawings will not be paid separately and use charges are deemed to be included in rates of this Item. The rates shall also inclusive of preparation of necessary auto cad drawing required for execution of the roofing system should be 100%leak proof, resistant to corrosion and maintenance-free. Note -Agency will provide design of sheet, thickness as per site conditions and submit to Railways for approval.	Sqm	200.00	1935.00	387000.00	
						Total	1898372.40

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. Advance Correction Slip No.1(Rly. Board letter No.2022/CE-I/CT/GCC-2022/Policy date 14.07.2022.) PLEASE ATTACH COPY OF AUDITED BALANCE SHEET.	No	No	Allowed (Mandatory)
1.1	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. Advance Correction Slip No.1(Rly. Board letter No.2022/CE-I/CT/GCC-2022/Policy date 14.07.2022.) PLEASE ATTACH COPY OF ANNEXURE VI-B.(Proforma is available in document).	No	No	Allowed (Mandatory)

Special Technical Criteria

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Similar nature of Work: To be complied as GCC April 2022, Clause 10.1 (b) and Clause 17.15.1 (b). This is a Composite work comprising of different components having different similar nature of work for each component.	No	No	Allowed (Mandatory)
2	Similar Nature of Work - (1) Any Civil Engineering work = Rs. 3,23,61,680.00 i.e. (The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender. (2) Any bridge work involving fabrication, erection & launching of FOB/ Steel Girders/Composite Girder for Railway, Road Bridges OR Any bridge work involving assembling, erection & launching of FOB/Steel Girders/Composite Girder for Railway, Road Bridges.= Rs. 5,59,24,288.08 i.e. (The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender.	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 one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)
1.1	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 one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or (iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender. Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components.	No	No	Not Allowed
1.2	In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity.	No	No	Not Allowed
1.3	For tenders having advertised value more than Rs. 20 crore wherein eligibility criteria includes bid capacity also, the tenderer will be qualified only if its available bid capacity is equal to or more than the total bid value of the present tender. Annexure VI of GCC April 2022 and Advance Correction Slip No.1(Rly. Board letter No.2022/CE-I/CT/GCC-2022/Policy date 14.07.2022.)	No	No	Not Allowed
1.4	Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.	No	No	Not Allowed

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

S.No.	Description
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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.
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
1	CPWD DSR-2023 (Delhi Schedule of Rates) and CPWD Specifications-2021 (or latest) shall be used for all works related to Building Works, Road Works and Horticulture works and other Miscellaneous works with effect from 16.01.2023 with latest Correction Slips issued from time to time by CPWD.	No	No	Not Allowed
2	Signature on Receipts for Amount.	No	No	Not Allowed

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2.1	Every receipt for money which may become payable or for any security which may become transferable to the Contractors under these presents, shall, if signed in the partnership name by anyone of the partners of a Contractor's firm be a good and sufficient discharge to the Railway in respect of the moneys or security purported to be acknowledged thereby and in the event of death of any of the Contractor, partners during the pendency of the contract, it is hereby expressly agreed that every receipt by anyone of the surviving Contractor partners shall if so signed as aforesaid be good and sufficient discharge as aforesaid provided that nothing in this Clause contained shall be deemed to prejudice or effect any claim which the Railway may hereafter have against the legal representative of any Contractor partner so dying for or in respect to any breach of any of the conditions of the contract, provided also that nothing in this clause contained shall be deemed to prejudice or effect the respective rights or obligations of the Contractor partners and of the legal representatives of any deceased contractor partners interse. (GCC April 2022 para 53.)	No	No	Not Allowed
3	Applicability of rules for this tender	No	No	Not Allowed
3.1	GCC-April 2022 with upto date correction slip.	No	No	Not Allowed
3.2	CPWD DSR-2018 (Delhi Schedule of Rates) and CPWD Specifications-2019 (or latest) shall be used for all works related to Building Works, Road Works and Horticulture works and other Miscellaneous works with effect from 01.06.2021 with latest Correction Slips issued from time to time by CPWD.	No	No	Not Allowed
3.3	Relevant IS-CODES AND RAILWAY CODES AND MANUALS.	No	No	Not Allowed
4	In these Special Conditions of Contract the following terms shall have the meaning hereby assigned to them except where the context otherwise requires.	No	No	Not Allowed
4.1	(a)"General Condition of Contract" shall mean General Conditions of Contract-April 2022 as contained in Western Railway, Engineering Department "Indian Railways Unified standard specifications (works and materials)Vol-I &II".	No	No	Not Allowed
4.2	"Specifications" shall mean the Specifications for Materials and Works of the Railway as specified under the authority of the Ministry of Railways or Chief Engineer or as amplified, added to or superseded by special specifications if any, appended to the Tender Forms. (GCC April 2022 Part I para I Instructions to tenderers (ITT).)	No	No	Not Allowed
4.3	Standard Schedule of Rates (SSOR) shall mean the schedule of Rates adopted by the Railway, which includes- 1."Unified Standard Schedule of Rates of the Railway (USSOR)" i.e. the Standard Schedule of Rates of the Railway issued under the authority of the Chief Engineer from time to time, updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents; 2. "Delhi Schedule Of Rates (DSR)" i.e. the Standard Schedule of Rates published by Director General/ Central Public Works Department, Government of India, New Delhi, as adopted and modified by the Railway under the authority of the Chief Engineer from time to time, updated with correction slips issued up to date of inviting tender or as otherwise specified in the tender documents.	No	No	Not Allowed
5	"If any dispute arises between the parties with respect to this agreement any application or suit shall be instituted only in the; court with the local limits or whose Jurisdiction, the Western Railway's Divisional Headquarters office is situated and both the parties shall be bound by this clause. (Head quarters letter no. CE-Circular No. 11/No. W/623/5/ARB/1 dt. 26.04.04)	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Tenderers should submit their offer strictly in accordance with the terms and conditions of the tender document. Tenderer should not quote any deviation from the tender document and should not quote any conditions. Nevertheless, as an exception, if any unavoidable deviations or conditions are quoted by the tenderers, financial impact of each of such conditions / deviations on their quoted unit rates, in terms of Rupees per unit rate, shall be clearly mentioned by the tenderer in the tender offer. If any of the deviation / condition has no financial impact on the quoted rates, in such cases also, the tenderer must clearly mention its financial impact as 'NIL'. This is required for proper financial evaluation of such conditional / deviated offers. Conditional offers / offers with deviations, without quantified financial impact of each of the condition / deviation on the quoted rates, shall be considered as "incomplete" and shall be summarily rejected'. (In terms of CE(Works)CCG's Letter No. W.118/0/3/S.I(W6) dt. 27.06.16,). Any revision of rates / rebates submitted (quoted) through a separate letter whether enclosed with the bid (Tender Form) or submitted separately or mentioned elsewhere in the document other than specified place shall be summarily ignored and will not be considered. (para 3 of tender form second sheet)	No	No	Not Allowed
2	SPECIAL PROVISION IN CONNECTION WITH PARA 26 (PAGE 56-57) OF GCC April 2022(As per Railway Bd's letter no 2012/CE-I/CT/0/20 dt 10/05/13)	No	No	Not Allowed
2.1	(A) In terms of provisions of new Clause 26A.1 to the General Conditions of Contract (GCC), contractor shall also employ following Qualified Engineers during execution of the allotted work: (a)One Qualified Graduate Engineer when cost of work to be executed is Rs. 200 lakh and above, and (b)One Qualified Diploma Holder Engineer when cost of work to be executed is more than Rs. 25 lakh, but less than Rs. 200 lakh.	No	No	Not Allowed
2.2	(B) Further, in case the contractor fails to employ the Qualified Engineer, as aforesaid in Para (A) above, he, in terms of provisions of Clause 26A.2 to the General Conditions of Contract, shall be liable to pay an amount of Rs. 40,000 and Rs. 25,000 for each month or part thereof for the default period for the provisions, as contained in Para A(a) and A(b) above respectively.	No	No	Not Allowed
2.3	As per para 26 A.3 Part (II), No. of qualified Engineers required to be deployed by the Contractor for various activities contained in the works contract shall be specified in the tender documents as 'Special Condition of Contract' by the tender inviting authority." (As per GCC April 2022, Para 26-A, Page 56.	No	No	Not Allowed
3	RESTRICTIONS ON ARBITRATION CLAUSES. (As per GCC April 2022, Para 64. (I), Page 97)	No	No	Not Allowed
3.1	Demand for Arbitration:- As per clause No 64, GCC part-II April 2022 corrected up-to date.	No	No	Not Allowed
3.2	Settlement of disputes-Indian railway Arbitration and Conciliation Rules:- As per clause No 63, GCC part-II April 2022 corrected up-to date.	No	No	Not Allowed
3.3	These special conditions shall prevail over existing clauses 63 and 64 of General Conditions of Contract.	No	No	Not Allowed
3.4	The provision of clause 63 & 64 to the General Conditions of Contract will be applicable only for the settlement of claims or disputes between the parties for values less than or equal to 20% of the value of the contract provisions of clause 63 & 64 and (ii)When the claim of disputes are of value more than 20% the value of the contract, other relevant clause of the General Conditions of Contract will not be applicable and arbitration will not be a remedy for settlement of such dispute. The above special conditions shall prevail over existing clause 63 of the General Conditions of Contract.	No	No	Not Allowed
4	GUIDELINE FOR THE MAINTENANCE PERIOD (As per GCC April 2022, Para 47, Page 82-83).	No	No	Not Allowed
4.1	1)The tenderer/s shall be required to maintain the work effectively as mentioned in the special conditions in tender documents. Maintenance period will commence from the date of completion as per Clause No.47 of the General Conditions of Contract. Security deposit will not be released until maintenance period is completed. For Zonal contracts, please see para below.	No	No	Not Allowed
4.2	2) However, for a zonal work, the maintenance period shall be as under As per Annexure-III, GCC part-I (a) and (b)April 2022 corrected up-to date. a)Repair and maintenance work including white/color washing: three calendar months from date of completion for each work-order. b) All new works except earth work: Six calendar months from date of completion for each work order.	No	No	Not Allowed

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4.3	3)To cover up monsoon period, the maintenance period will be extended in cases when required and contractor shall remain responsible for maintenance for this extended period also. The contractor shall make good and remedy at his own expense within such period as may be stipulated by the Engineer, any defect which may develop or may be before the expiry of this period and intimation of which has been sent to the contractor within seven days of the expiry of the said period by a letter, sent by hand delivery or by registered post. In case the contractor fails to make adequate arrangements to rectify the defects within seven days of the receipt of such notices, the Engineer without further notice may make his own arrangement to rectify the defects and the cost of such rectification shall be recovered from the Security Deposit of the contractor or from any other money due to the contractor under this or any other contract.	No	No	Not Allowed
5	SPECIAL CONDITION FOR TAX DEDUCTION	No	No	Not Allowed
5.1	(1) In respect of works, the contract value of which is more than Rs. 5,000/- each, a deduction of 2% on the taxable payment from each of the Contractor's bills shall be made in terms of section 194(C) of the Income Tax Act of 1961 & 1991. (From time to time TDS will also be deducted along with I. Tax as per extent rules.	No	No	Not Allowed
5.2	(2)The Railway will deduct sales tax if leviable in a particular state where the work is going on, the gross amount of each bill while making payment to the contractor(s). The recovery shall be governed as per the guide lines & rates prescribed by the concerned State Government	No	No	Not Allowed
5.3	(3) Any Other taxes The Contractor shall bear in full all taxes and royalties levied by the State Government and/or Central Government from time to time. This would be entirely a matter between the contractor and State Government/or Central Government. Railway will recover the taxes and royalties through final bills if the contractor fails to pay the taxes and royalties to the Government.	No	No	Not Allowed
6	DETAILS OF INSPECTION REGISTER AND RECORDS ARE TO BE MAINTAINED BY TENDERER ARE AS FOLLOWS:	No	No	Not Allowed
6.1	1)The Contractor/s shall maintain accurate records, plans and charts showing the dates and progress of all main operations and the Engineer shall have access to this information at all reasonable times. Records of tests made shall be handed over to the Engineer/s representative after carrying out the tests. The following registers will be maintained at site by the Contractor/s.	No	No	Not Allowed
6.2	2)Site Order Register: The Contractor/s shall promptly acknowledge by putting his signature in the site order against any order given therein by the Engineer or his representative or his superior officers and comply with them. The Compliance shall be reported by the Contractor/s to the Engineer in good time so that it can be checked.	No	No	Not Allowed
6.3	3)Labour Register: This register will be maintained to show daily strength of labour in different categories employed by the Contractor/s.	No	No	Not Allowed
6.4	4)LOG book of events: All events are required to be chronologically logged in this book shift wise and date wise.	No	No	Not Allowed
6.5	5)Cement & steel registers shall be maintained by the contractor.	No	No	Not Allowed
7	APPLICABILITY OF PRICE VARIATION CLAUSE AS PER GCC CLAUSE 46A	No	No	Not Allowed
7.1	Applicability: 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 adjustment (i.e. shall be excluded from the gross value of the work for the purpose of price variation). GCC April 2022 page 69 and Advance Correction Slip No.1(Rly. Board letter No.2022/CE-I/CT/GCC-2022/Policy date 14.07.2022.)	No	No	Not Allowed
7.2	II. Price Variation Clause for Annual Maintenance Contract or Zonal Contract :- The price variation Clause of General Conditions of Contract shall not apply to a works contract which is either an Annual Maintenance Contract or a Zonal Contract as per Railway Boards letter No.2013/CE/I/CT/O/10-PVC-Pt.I dtd.27.01.2015.	No	No	Not Allowed
7.3	As per PCE/CCG letter No.W118/0 Vol. II (W6) date 14.06.2019 The security deposit against the contract shall be released only after the contractor has submitted the final PVC bill.	No	No	Not Allowed
7.3.1	Implementation of Contractor e Measurement Book (e MB) All contracts costing more than Rs.5 Crore Contractor s e-MB is mandatory and Contractor s e-MB shall be part of Tender Document. (Railway Board Letter No.2017/CE-I/CT/9 date 31.05.2023)	No	No	Not Allowed
8	DISASTER MANAGMENT	No	No	Not Allowed

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8.1	"All the available vehicles and equipment's of the contractor can be drafted by the Railway Administration in case of accidents/natural calamities involving human lives. The payment for such drafting shall be made according to the rates as shall be fixed by the Engineer. However, if the contractor is not satisfied with the decision of the Engineer in this respect he may appeal to the Chief Engineer within 30 Days of getting the decision of the Engineer, supported by analysis of the rates claimed. The Chief Engineer's decision after hearing both the parties in the matter would be final and binding on the contractor and the Railway".	No	No	Not Allowed
9	EMERGENCY WORK	No	No	Not Allowed
9.1	In the event of any accident or failure occurring in the execution of work/ arising out of it which in the opinion of the Engineer requires immediate attention, the Railway may bring its own workmen or other agency/agencies to execute or partly execute the necessary work or carry out repairs if the Engineer-in-charge considers that the contractor(s) is/are not in a position to do so in time without giving any notice and charge the cost thereof, to be determined by the Engineer-in-charge, to the contractor.	No	No	Not Allowed
10	DAMAGE BY ACCIDENT/ FLOOD/ TIDES OR NATURAL CALAMITIES	No	No	Not Allowed
10.1	The Contractor shall take all precautions against damages from accidents, floods tides or other natural occurrences. He shall not be entitled to any compensation for his tools, plants, materials, machines and other equipment lost or damaged by any cause whatsoever. The Contractor shall be liable to make good the damage to any structure or part of a structure, plant or material of every description belonging to the Railway covered under the Contract, lost or damaged by him due to any cause during the course of execution of work. The Railway Administration will not be liable to pay the contractor any charge for rectification or repair to any damage which may have occurred from any cause what so ever.	No	No	Not Allowed
11	Tender Credentials:- As per para no 11 of GCC April 2022 Part-I corrected up to date. Non-compliance with any of the conditions set forth therein above is liable to result in the tender being rejected clause no 12 Part-I of GCC April 2022 corrected up to date . (As per GCC April 2022, Para 11, Page 16-17)	No	No	Not Allowed
12	Procedure for contractual payment after implementations of GST Act 2017 (Railway Board's letter no. 2017/CE-I/CT/4/GST dated 29/06/2017, CIRCULATED BY CE(WORKS) CCG vide letter no. W118/0 VOL. IX (W6) dated 30.06.2017 for implementation of GST ACT' 2017). The said letter is attached for reference.	No	No	Not Allowed
13	INCLUSION OF LETTER OF CREDIT AS MODE OF PAYMENT	No	No	Not Allowed
14	Inclusion of LETTER OF CREDIT as mode of payment In works tenders or service tenders invited by railways through E tendering on IREPS, having advertising value of Rs.10 lakhs and above (as per railway Bd's letter no 2018/CE-I/CT/9 dt 04/06/2018. The said letter is attached for reference	No	No	Not Allowed
15	SPECIFICATIONS AND SPECIAL CONDITIONS FOR SUPPLYING & UTILIZING ORDINARY PORTLAND CEMENT	No	No	Not Allowed

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15.1	1)The cement shall be procured in lots commensurate with the programmed progress of the work and shall be transported and stacked into IOW's godown at contractor's cost and from there the requirement for day to day use shall be drawn by the contractor against hand receipt. The cement shall not be directly taken to the site of work. 2)Cement so procured by the Contractor shall be fresh conforming to IS 8112-1989 or latest IS cement code. After a receipt of each lot of at IOW's godown a sample of cement at the direction of Engineer shall be tested for initial / final setting time, compressive / Tensile strength at contractor's cost. Only on receipt of satisfactory certificates this cement shall be allowed to be used on works. The procurement of cement shall be panned by the contractor so that it does not effect the progress of works. 3)The contractor shall have to submit the cash memo along with the lot of cement purchased from the various retailers / cement factory to IOW in taken proof of purchase of cement from reputed dealer. No cement shall be accepted by the IOW without cash memo. 4)Although cement payment is in No. 50 Kg bags as per items total quantity so paid shall be limited to quantity actually used in works subject to further not exceeding the quantity laid down in works Hand book Part-III whichever is less. No payment shall be procured from authorized dealer / cement factory and the receipt shall be furnished on demand. All empty bags shall be taken away by the contractor after use of cement and cost of empty cement bags shall not form part of quoted rates against this items. 5)The Railway will take responsible care of cement in their custody handed over by the contractor. However if the cement bags are damaged during storage while taking away for use in the work railway shall not be responsible for the same and no claim of payment shall be admissible on such damaged cement. However, contractor shall be allowed to take away this cement at his own cost. 6)Cement consumption register shall be meticulously maintained giving quantity of work done / consumption of cement of each day. 7)Cement bags left out after completion of work shall be taken by the contractor and the railway shall not make the payment against these bags.	No	No	Not Allowed
16	SPECIFICATION OF STEEL ITEMS REINFORCEMENT STEEL (TMT BARS) AND STRUCTURAL STEEL	No	No	Not Allowed
16.1	(A)All Reinforcement Steel (TMT Bars) and structural Steel shall be procured as per specifications mentioned in BIS's documents - IS : 1786 and IS : 2062 respectively. Independent tests shall be conducted, wherever required, to ensure that the materials procured conform to the specifications. (B)Steel shall be procured only from those firms, which are established, reliable, indigenous and Primary producers of steel, having integrated steel plants (ISP), using iron ore as the basic raw material and having in-house iron rolling facilities, following by production of liquid steel and crude steel, as per Ministry of Steel's guidelines. e.g. "SAIL/TISCO/JINDAL/RINL/ESSAR/IISCO". (C)However, only certain isolated sections of structural steel, not being rolled by ISPs, can be procured from the authorized re-rollers of ISPs or authorized licensee of BIS having traceability system and who use billets produced by ISPs. (D)The steel procured shall be reasonably free from cracks, surface flaws, laminations, rough and imperfect edges and all other harmful defects. Steel sections, shall be free from excessive rust, scaling and pitting and shall be will protected. The decision of the Engineer regarding rejecting any steel section on account of any of the above defects shall be final and binding. (E)Structural steel work shall conform to the requirement as specified in Indian Railway Unified Standard Specifications (Works and Materials) Vol. I & II . (F)Necessary purchase bill along with test certificate for steel shall be obtained and submitted to the Engineer in Charge. Steel without the test certificate from approved laboratory/ Engineering College shall not be used in the work. Certified copy of the same shall be submitted to Divisional Office along with running bills/final bills. Steel shall be tested for Tensile strength and bend test as per IS : 1599 as specified in Indian Railway Unified Standard Specifications (Works and Materials) Vol. I & II. (G)Quantity for this item shall be calculated as per nominal weight of steel section for the actually used in the work. No payment will be made for the wastage and the contractor will be allowed to take away the scrap and excess steel away from site. (H)The contractor shall be responsible for getting the measurement of steel entered in to steel register and signed by the Engineer in charge of the work before concreting is done to avoid dispute regarding quantity of steel used in the work. (I)The rates quoted for this item is deemed to be inclusive of the cost of binding wire and no separate payment shall be admissible for the same. (J)The steel shall be kept by the contractor under his custody at the site of work and Railway will not be responsible for any theft thereof. (K) The quantity so payable under relevant item shall be restricted to the quantity as per approved plan/drawing and decision of the Engineer in Charge in this regard shall be final and binding upon the contractor.	No	No	Not Allowed

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17	Special Condition of Drawings	No	No	Not Allowed
17.1	1. Contractor will provide architectural drawings with elevations etc complete , structural design details/drawings, design calculations, GAD (i.e. foundation ,beams, lintel, column, roof etc. based on railway approved GAD and will get it approved from railway. Contractor will also submit 3 copies with soft copy (2 nos.CD/pen drive) to railway for the same. 2. Design shall be followed for seismic zone no. 3 and should be resistant from various disasters occurs in seismic zone no.3 . Design shall be proof checked by IIT / NIT/ Govt engineering college which will be further got approved from railway before actual commencement of work. 3. Contractor has to submit completion plan in 75 Micron double mate GARWARE or similar tracing film for each drawing indicating all minor, major detail based on actual execution and signed by site supervisor (SE/SSE Works) and concern ADEN before submission of final bill. In addition to Completion plan the contractor shall also submit the drawings stored on CD-ROM/pen drive) failing this a recovery at a rate of 20000/- (Rs. Twenty thousands only) shall be made. 4. The rates quoted by contractor in this tender shall be inclusive of preparation and submission of architectural drawings , structural design etc and completion plan, nothing extra shall be paid on this account. (NOTE -Required in case where standard/approved design ,drawing is not available or as directed by engineer incharge.)	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / HUF etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be.(para 14.1 page 17 GCC April 2022)	Yes	No	Allowed (Mandatory)
1.1	As per instructions please attach proforma of ANNEXURE V-A this certificate is to be given by attorney/authorized signatory/each member of partnership firm / Joint Venture (JV)/ Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.) Non submission of above certificate (s) by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent up on 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 Document. Proforma is available in uploaded documents.	No	No	Allowed (Mandatory)
1.1.1	Please see instructions below standard technical criteria for Latest ANNEXURE V. This is for verification / confirmation of the documents submitted for compliance of eligibility /qualifying criteria. As per RB's letter No 2022/CE-I/CT/CCG Correspondence dtd 14.05.2024 Clarification regarding submission of Annexure-V "On IREPS Module, a facility has already been created for online submission of Annexure-V. Therefore, the provision of downloading of Annexure-V of GCC & uploading of physical signed Annexure-V by the tenderer had been discontinued on IREPS"	No	No	Not Allowed
2	Certificate of Information regarding Employment/Partnership etc. of Retired Railway Employees with the tender as per the attached Performa. As per clause No 16 (a) and (b) of GCC Part-I April 2022 corrected up to date. (As per GCC -April 2022, Para 16, Page -19-20).	No	No	Allowed (Mandatory)
2.1	Restrictions on the Employment of Retired Engineers of Railway Services Within One Year of their Retirement: As per GCC -April 2022, Para 59.9, Page -91.	Yes	No	Not Allowed
2.2	Certificate of NO Relative being an employee of Western Railway as per attached Performa.	No	No	Allowed (Mandatory)
3	Joint Venture (JV) in works tenders. Refer GCC para no 17.1 to 17.15.3 of Part-I GCC -April 2022 corrected up to date. (As per GCC-April 2022, Para 17, Page -20 to 24). Joint Venture Firms Shall be applicable to the works tenders of value more than Rs. 10 Cores (Rupees ten crores)Advance Correction Slip No.1(Rly. Board letter No.2022/CE-I/CT/GCC-2022/Policy date 14.07.2022.)	No	No	Allowed (Optional)
4	Participation of Partnership Firm in works tenders. Refer GCC para no 18.1 to 18.11 of Part-I April 2022 corrected up to date. (As per GCC -April 2022, Para 18, Page -25 to 27)	No	No	Allowed (Mandatory)

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5	The tenderer should upload the scan copy of EPFO and ESI registration number. However EPFO and ESI registration would be mandatory and documents towards EPFO and ESI registration must be submitted before execution of the agreement.	No	No	Allowed (Mandatory)
6	Performance Bank Guarantee:- As per Clause No. 16.(4) of GCC Part-I, April 2022 corrected up to date. (As per GCC -April 2022, Para 16.(4), Page 48-49) Performa Attached.	No	No	Not Allowed
7	The tenderer shall be required to submit Bid Security in favour of Sr. DFM-Ratlam with the tender for due performance with the stipulation to keep the offer open till such date as specified in the tender, under condition of tender. (GCC April 2022 Part I Instructions to tenderers (ITT) para 5 Bid Security (1) (a,b,c),(2) (3)(i-viii). As per ACS 2 issued vide Rly. Board letter No.2022/CE-I/CT/GCC-2022/Policy date 13.12.2022:-(ii) The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document within 5 working days before closing date for submission of bids. As pr ACS 5 RB No. 2022/CE-I/CT/GCC-2022/Policy date 20.10.2023:- Para 5(3) II 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 bid.(i.e. excluding the last date of submission of bids).	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	LETTEROF CREDITASMODEOFPAYMENT062018.pdf	LETTER OF CREDIT
2	Safetyrules.pdf	safety rules
3	GCC2022CorrectionSlipNo8.pdf	ACS 8 GCC 2022
4	GCC2022CorrectionSlipNo10.pdf	ACS 10 GCC 2022
5	PBGPerformaforTenderdocument30Aug2025.pdf	PBG PERFORMA
6	ProcedureforpaymentofContractorbillasperGSTImplementation_GST_290617.pdf	PROCEDURE FOR PAYMENT OF CONTRACTORS BILL AS PER GST
7	PROCEDUREORDERFORENSURINGSAFETYATWORKSITE.pdf	SAFETY AT WORK SITE
8	NOrelativecertificate.pdf	NORELATIVECERTIFICATE
9	certificateforrailwayemployeeengagement_1.pdf	engagement of retd. rly employee
10	TERMINATIONCONTRACT.pdf	Termination preforma
11	ACS5GCC2022.pdf	ACS 5 of GCC 2022
12	07.08.23ACS4.pdf	ACS4dt 07Aug23
13	07.08.23LAUNCHEMB.pdf	contractor e-measurement book
14	BidCapacity-AnnexureVI.pdf	Bid Capacity Annexure VI
15	OffloadingPartSofworkRBLetterNo2022-CE-I-CT-GCC-2020-Polociydt27Apr2022.pdf	Offloading Part-S-of Work
16	BidsecurityAnnexure-VIA.pdf	Annexure VIA- Bid security Format
17	FormatforAnnualcontractualturnoverAnnexure-VIB.pdf	Annexure VIB-Annual Cobntractual Turnover
18	GCCAPRIL2022.pdf	GCC April 2022
19	MOUFORJVGCCAPRIL22WITHALLACS.pdf	MOU for JV
20	AnnexureVasperACS4dt07.08.2023.pdf	Annexure V as per ACS4dt 07Aug23
21	AnnexureVA.pdf	Annexure V -A for signature of constituent firm or constituent member
22	ACS6GCC2022.pdf	ACS 6 of GCC 2022
23	ACS2dt13Dec22.pdf	ACS 2 dt 13Dec22

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24	ACS1GCCAPR2022.pdf	Advance Correction Slip 2 date 14.07.2022 for GCC April 2022
25	ACS3dt26APR23.pdf	ACS 3 date 26.04.2023
26	LetterNo.2017-CE-I-CT-9date31May2023.pdf	Contractor s e- measurement book -e- MB
27	GCC2022CorrectionSlipNo9.pdf	ACS 9 GCC 2022
28	GCC2022CorrectionSlipNo7.pdf	ACS 7 GCC 2022
29	RTM-2026-27-49-SpecialCondition.pdf	Special Condition
30	PCECircular88forQualityofWorks2.pdf	PCE circular 88
31	RDSOGuidelinesonfabricationofSteelStructuresofFOB.pdf	RDSO Guideline
32	Recommendedmakermanufacturerofcivilmaterials.pdf	recommended manufacture

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: MAHENDRA SINGH JATAV

Designation : Sr.DEN/East/RTM