

**ASANSOL DIVISION-ENGINEERING/EASTERN RLY
TENDER DOCUMENT**

Tender No: O-AC-T-82-26-27

Closing Date/Time: 16/07/2026 12:00

DRM ENGINEERING acting for and on behalf of The President of India invites E-Tenders against Tender No **O-AC-T-82-26-27** Closing Date/Time 16/07/2026 12:00 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	Open tender for balance quantity of :-1). Civil Engineering work at Madhupur : Replacement along with strengthening of OH Line from Power House to different places (Like Station, DTC, West Cabin, Filter House, etc. and other places). 2)Civil Engineering work of improvement of station approach road beside TRD Colony with other ancillary work at Jamtara under AEN/MDP. 3).Civil Engineering work of construction of new booking office cum waiting hall at Rajla Halt. 4).Civil Engineering work of construction of new booking office cum waiting hall at Narganjo Halt under Sr.DEN/2/ASN.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	16/07/2026 12:00	Date Time Of Uploading Tender	16/06/2026 17:56
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	3979859.59	Tendering Section	CIVIL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	79600.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	9 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	02/07/2026		
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 () A-Overall percentage Above/Below/At par on assessed cost of Schedule-A (N.S.Item) for Civil Engineering work of construction of new booking office cum waiting hall at Rajla Halt.							41875.80	Above/Below/Par
1	Please see Item Breakup for details.				41875.80	AT Par	41875.80	
	Description:- Items of schedule-A (N.S.Items)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-Overall percentage Above/Below/At par on assessed cost of Schedule-B (Items of USSOR-2011) for Civil Engineering work at Madhupur : Replacement along with strengthening of OH Line from Power House to different places (Like Station, DTC, West Cabin, Filter House,etc. and other places)							892497.07	Above/Below/Par
1	Please see Item Breakup for details.				729641.16	22.32	892497.07	
	Description:- Items of Schedule-B							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A1-Overall percentage Above/Below/At par on assessed cost of Schedule-A1 (N.S.Item) for Civil Engineering work of construction of new booking office cum waiting hall at Narganjo Halt.							41875.80	Above/Below/Par
2	Please see Item Breakup for details.				41875.80	AT Par	41875.80	
	Description:- Items of schedule-A1							

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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B2-Overall percentage Above/Below/At par on assessed cost of Schedule-B2 (Items of USSOR-2011) for Civil Engineering work of construction of new booking office cum waiting hall at Rajla Halt.							1289181.47	Above/ Below/P ar
3	Please see Item Breakup for details.				1070570.89	20.42	1289181.47	
	Description:- Items of schedule-B2							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B3-Overall percentage Above/Below/At par on assessed cost of Schedule-B3 (Items of USSOR-2011) for Civil Engineering work of construction of new booking office cum waiting hall at Narganjo Halt.							680822.48	Above/ Below/P ar
4	Please see Item Breakup for details.				565373.26	20.42	680822.48	
	Description:- Items of schedule- B3							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () BI-Overall percentage Above/Below/At par on assessed cost of Schedule-B1 (Items of USSOR-2011)for Civil Engineering work of improvement of station approach road beside TRD Colony with other ancillary work at Jamtara under AEN/MDP.							1033606.97	Above/ Below/P ar
2	Please see Item Breakup for details.				859191.16	20.30	1033606.97	
	Description:- Items of Schedule-B1							

3. ITEM BREAKUP

Schedule	Schedule A-Overall percentage Above/Below/At par on assessed cost of Schedule-A (N.S.Item) for Civil Engineering work of construction of new booking office cum waiting hall at Rajla Halt.					
Item- 1	Items of schedule-A (N.S.Items)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Fabrication, supplying and fixing of retro-reflective signage boards made of high-intensity grade encapsulated lens type retro-reflective sheeting conforming to ASTM D 4956 Type-III specifications and having approved patterns over its entire surface bonded on to 2mm thick aluminium sheet with back supporting angle iron frame (40X40X6)mm duly reveted with solid M.S. and aluminium revets, etc. The entire face of the sign board should be covered and bonded with yellow/red/white/blue high intensity encapsulated lens type reflecting sheeting with distinctive lined patterns on front side on plain surface with heat lamp vacuum machine only. The white/blue/yellow/red portion of the board shall be screen printed on the high intensity sheet base including fixing the bolt on portal/support/wall/dowel rod, etc. with contractor's clamp/cleat/bolt/revet/weld including all contractor's material, labour, tools and plants including all lead, lift and all other incidental charges necessary for successful completion of the work as per specification and as directed by Engineer in charge.	Sqm	5.00	8375.16	41875.80
Total						41875.80
Schedule	Schedule B-Overall percentage Above/Below/At par on assessed cost of Schedule-B (Items of USSOR-2011) for Civil Engineering work at Madhupur : Replacement along with strengthening of OH Line from Power House to different places (Like Station, DTC, West Cabin, Filter House,etc. and other places)					
Item- 1	Items of Schedule-B					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in				
1	011011	All kinds of soils	cum	67.00	88.16	5906.72
2	012010	Extra over item 011010 for excavation in foundations for buildings and bridges to cover dressing to neat dimension and plumbing sides etc. Note : Dressing under this item is payable for the total quantity of excavation in foundation and not partly	cum	67.00	9.20	616.40
3	012040	Filling, watering and ramming earth in 15 cm layers in floors and foundations with surplus earth from foundations including 50m lead and 1.5m lift	cum	21.00	20.40	428.40
4	012050	Supplying and filling sand in plinth and under floors including watering, ramming, consolidating and dressing complete	cum	18.00	359.67	6474.06
5	014010	Dressing Surface (average excavation or filling upto 15 cm) including removing vegetation in all kind of soil. Payment against this item is to be made only if it is not included in earth work item	10 Sqm	1000.00	59.40	5940.00
6	021070	Loading/Unloading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones , rubble stones, laterite, coal, surkhi, dry mortar, sand , moorum, earth, manure or sludge, ashes, lime etc., including lead up to 50m and stacking into/from trucks, trailers or wagons	cum	20.00	41.23	824.60
7	021090	Leading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, laterite, coal, surkhi, dry mortar, sand, moorum, earth, manure or sludge, ashes, lime, debris, muck, malba, etc. for lead upto 25 km. Note : Lead under this item is payable when the same exceeds 500m.	cum	10.00	106.00	1060.00
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
8	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	13.00	2325.34	30229.42
		Supply and using cement at worksite :				
9	033063	PPC	Tonne	18.00	6842.50	123165.00
		Providing and laying in position M 20 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge				
10	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	cum	10.00	2732.49	27324.90
11	041012	All work in buildings above plinth level upto floor two level.	cum	9.00	3004.22	27037.98
		Centering and shuttering including strutting, propping etc. and removal of form for :				

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12	042011	Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.	Sqm	8.00	145.90	1167.20
13	042013	Suspended floors, roofs, landings, balconies, FOB slabs, walkway slabs and access platform	Sqm	92.00	234.36	21561.12
14	042014	Lintels, beams, plinth beams, bed blocks, girders, bressumers and cantilevers	Sqm	58.00	208.55	12095.90
15	042015	Columns, pillars, , posts and struts	Sqm	54.00	297.00	16038.00
		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
16	043014	In Shelves, cantilevers, chajjas, sunshades etc.	cum	1.00	3986.14	3986.14
		Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
17	045016	Thermo-Mechanically Treated bars	Kg	1600.00	69.36	110976.00
		Brick work with modular bricks of class designation 7.5 in foundation and plinth in :				
18	051022	Cement Mortar 1:4 (1 cement : 4 fine sand)	cum	36.00	2615.15	94145.40
19	051040	Extra over item 051010 & 051020 for brick work in superstructure beyond plinth level upto floor two level :	cum	18.00	151.99	2735.82
		Half brick masonry with bricks of class designation 7.5 in foundations and plinth in :				
20	051182	Cement mortar 1:4 (1 Cement : 4 coarse sand)	Sqm	27.00	265.31	7163.37
21	051190	Extra for half Brick masonry in superstructure above plinth level upto floor two level	Sqm	27.00	42.15	1138.05
		Providing wood work in frames of doors, windows, clerestory windows and other frames and trusses, wrought, framed and fixed in position :				
22	071012	Sal wood	cudm	85.00	52.03	4422.55
		Providing and fixing 35mm thick framed, ledged and battened door and window shutters (battens 12mm thick) including bright satin finish or black stone enamelled iron hinges with necessary screws, with :				
23	072071	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	Sqm	6.00	1298.55	7791.30
		Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete				
24	074232	Fixed to opening/ wooden frames with rawl plugs screws etc.	Kg	90.00	88.09	7928.10
		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				
25	078034	150x10mm	Each	6.00	74.50	447.00

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		Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete				
26	078061	125mm	Each	8.00	55.11	440.88
27	078130	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitered at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm 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 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge	Metre	6.20	486.05	3013.51
28	078140	Providing and fixing to existing door frames 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers. M.S. frame covered with 5mm thick heat moulded PVC Foam sheet 'C channel as per drawing given in IR Standard Specifications complete in all respect	Sqm	2.10	3090.66	6490.39
		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary) of average thickness 25 mm including ramming sub grade :				
29	091032	Flat brick	Sqm	139.00	171.16	23791.24
		Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete				
30	092011	25mm thick with 12.5mm nominal size stone aggregate	Sqm	40.00	106.38	4255.20
		Providing & fixing Precast Chequered tiles conforming to IS:13801:1993, manufactured under mechanical vibration & hydraulic pressing machine in double layer; top layer of 10 to 12 mm thickness of Dolomite Powder, graded chips, fibre and UV stabilised iron oxide Lanexess colour and bottom layer of 1:3 CC mixed with galvanised steel fibre of approved quality, jointed with neat cement slurry mixed with pigment to match shade of tiles including rubbing and cleaning etc. complete on 20mm thick bed of cement mortar 1:4 of sizes :				
31	094061	250mm x 250mm x 25mm thick	Sqm	40.00	522.36	20894.40
		Providing and fixing 1st quality ceramic tiles conforming to Group B-III (Ceramic Wall Tiles) of IS:15622 of manufacturers approved by railway in all colours, shades, and design as approved by the Engineer-in-Charge in skirting, risers of steps and dado over 12mm thick bed of cement mortar 1:3 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
32	095012	200x300 mm	Sqm	23.00	673.17	15482.91

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		Providing and fixing ceramic tiles conforming to IS:15622 of manufacturers approved by railway in all colours, shades, design and abrasion resistance class as approved by the Engineer-in-Charge in floors and landings over 20mm thick bed of cement mortar 1:4 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
33	095021	Of Group B-II Clause 5.1 (for abrasion resistance) of IS:15622 (Ceramic Floor Tiles) of size 300x300mm	Sqm	4.00	587.06	2348.24
		Providing and fixing on wall face unplasticised - Rigid PVC single socketed rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.				
34	108162	110mm dia.	Metre	12.00	232.69	2792.28
		Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised- Rigid PVC rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.				
35	108176	Single tee with door, 110x110x110mm	Each	4.00	393.77	1575.08
		Providing and fixing on wall face unplasticised - PVC moulded bend and shoe for unplasticised- Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion				
36	108182	Bend 87.5o, 110mm dia bend	Each	4.00	214.46	857.84
37	108184	Shoe (Plain), 110mm dia shoe	Each	4.00	283.77	1135.08
		Providing and fixing unplasticised-PVC pipe clips of approved design to unplasticised-PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete				
38	108192	110mm	Each	16.00	127.22	2035.52
		15 mm cement plaster on the rough side of single or half brick wall of mix -				
39	111051	1:4 (1cement: 4coarse sand)	Sqm	202.00	74.60	15069.20
		15mm cement plaster on rough side of single or half brick wall finished a floating coat of neat cement of mix -				
40	111082	1:4 (1cement: 4fine sand)	Sqm	100.00	84.95	8495.00
		Cement plaster to ceiling of mix -				
41	111151	6 mm thick 1:3 (1cement: 3 fine sand)	Sqm	41.00	55.56	2277.96
		Colour washing such as green, blue or buff to give an even shade				
42	115031	New work (two or more coats) with a base coat of white washing with lime	Sqm	74.00	12.87	952.38
43	115110	Finishing walls with water proofing cement paint of required shade two or more coats on new work applied @ 3.84 Kg/10 sqm	Sqm	119.00	41.76	4969.44

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		Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS-15450 U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80° C including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc. with trenching, refilling and testing of joints complete as per direction of the Engineer-in-charge (external work)				
44	131032	1620 (20mm OD) pipe	Metre	50.00	254.63	12731.50
45	131033	2025 (25mm OD) pipe	Metre	50.00	302.19	15109.50
46	131034	2532 (32mm OD) pipe	Metre	50.00	404.22	20211.00
		Providing and fixing PP-R Gate Valve fusion welded, having thermal stability for hot & cold water supply and testing of joints complete as per direction of engineer in charge				
47	131182	32 mm Gate Valve	Each	2.00	649.58	1299.16
		Providing and fixing PP-R Male adopter conforming to PN-25 rating with marking on each fitting, fusion welded, having thermal stability for hot & cold water supply and testing of joints complete as per direction of engineer in charge				
48	131201	20mm adopter for PPR-GI connection	Each	2.00	227.39	454.78
49	131202	25mm adopter for PPR-GI connection	Each	2.00	230.38	460.76
50	131203	32mm adopter for PPR-GI connection	Each	3.00	370.95	1112.85
		Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work)				
51	136131	15mm nominal bore	Each	2.00	111.12	222.24
52	136132	20mm nominal bore	Each	2.00	138.22	276.44
53	136133	25mm nominal bore	Each	2.00	153.32	306.64
54	136150	Providing and placing on terrace/staging (at all heights) polyethylene water storage tank ISI : 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	Litre	500.00	9.34	4670.00
		Supplying, fitting & fixing in position Polyelastomer Grating & R.C.P.C. Frame with hinge arrangement with cement conc. 1:2:4				
55	144062	b) 3 MT load bearing capacity Polyelastomer rectangular grating with R.C.P.C. frame (Size of grating : 380 mm x 290 mm x 25 mm thick size of frame : 480 mm x 410 mm x 90 mm)	Each	1.00	1489.93	1489.93
		Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10litre low level white, P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required				
56	151021	W.C. pan with ISI marked white solid plastic seat and lid	Each	1.00	2986.84	2986.84
		Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm 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				

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57	151041	One urinal basin with 5litre white P.V.C. automatic flushing cistern	Each	1.00	2745.96	2745.96
		Providing and fixing wash basin with C.I./ M.S. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required				
58	151071	white, vitreous china wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps	Each	1.00	1993.27	1993.27
59	151270	Providing and fixing white, vitreous china squatting plate urinal with integral longitudinal flush pipe	Each	1.00	1280.44	1280.44
		Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete				
60	152082	Flexible pipe 32mm dia.	Each	1.00	78.20	78.20
61	152110	Providing and fixing 600x450mm bevelled edge mirror , 5.5 mm thick of float glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	Each	1.00	850.23	850.23
62	153350	Providing and fixing PTMT urinal cock 15mm nominal size 80mm long, 42mm high and 30mm wide with BSP female threads weighing not less than 48 gms. of approved quality, colour and make	Each	1.00	120.45	120.45
		Providing and fixing PVC connector 15 mm size with non corrosive PTMT couplings in both ends				
63	153493	15mm dia 600mm long	Each	1.00	92.61	92.61
64	154010	Providing and fixing 110mm dia PVC soil, waste and vent pipes including jointing and cost of spun yarn and sand etc. complete	Metre	50.00	266.19	13309.50
65	154030	Providing and fixing 110 mm x 110 mm x 110mm dia PVC plain branch (single equal junction)of the required degree including jointing and cost of spun yarn and sand etc., complete	Each	2.00	134.77	269.54
66	154040	Providing and fixing 110 mm x 110 mm x 110mm dia PVC plain branch (single equal junction)of the required degree with access door inclusive of 3mm thick bitumastic felt washer and bolts and nuts, complete, including jointing and the cost of spun yarn and sand etc., complete	Each	2.00	148.16	296.32
67	154110	Providing and fixing 110 mm PVC bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	4.00	124.13	496.52
		Demolishing plain cement concrete including disposal of material within 50m lead				
68	181021	1:2:4 or richer mix with max. 20 mm coarse aggregate	cum	5.00	448.29	2241.45
69	181030	Demolishing R.C.C. work including cutting and stacking of steel bars and disposal of unserviceable material within 50m lead. (Extra payment for scraping, cleaning and straightening of bars to be made separately)	cum	5.00	654.01	3270.05
		Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50m lead				
70	182013	In cement mortar	cum	10.00	378.50	3785.00
					Total	729641.16
Schedule	Schedule A1-Overall percentage Above/Below/At par on assessed cost of Schedule-A1 (N.S.Item) for Civil Engineering work of construction of new booking office cum waiting hall at Narganjo Halt.					
Item- 2	Items of schedule-A1					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Fabrication, supplying and fixing of retro-reflective signage boards made of high-intensity grade encapsulated lens type retro-reflective sheeting conforming to ASTM D 4956 Type-III specifications and having approved patterns over its entire surface bonded on to 2mm thick aluminium sheet with back supporting angle iron frame (40X40X6)mm duly reveted with solid M.S. and aluminium revets, etc. The entire face of the sign board should be covered and bonded with yellow/red/white/blue high intensity encapsulated lens type reflecting sheeting with distinctive lined patterns on front side on plain surface with heat lamp vacuum machine only. The white/blue/yellow/red portion of the board shall be screen printed on the high intensity sheet base including fixing the bolt on portal/support/wall/dowel rod, etc. with contractor's clamp/cleat/bolt/revet/weld including all contractor's material, labour, tools and plants including all lead, lift and all other incidental charges necessary for successful completion of the work as per specification and as directed by Engineer in charge	Sqm	5.00	8375.16	41875.80
					Total	41875.80
Schedule	Schedule B2-Overall percentage Above/Below/At par on assessed cost of Schedule-B2 (Items of USSOR-2011) for Civil Engineering work of construction of new booking office cum waiting hall at Rajla Halt.					
Item- 3	Items of schedule-B2					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in				
1	011011	All kinds of soils	cum	145.00	88.16	12783.20
2	012010	Extra over item 011010 for excavation in foundations for buildings and bridges to cover dressing to neat dimension and plumbing sides etc. Note : Dressing under this item is payable for the total quantity of excavation in foundation and not partly	cum	55.00	9.20	506.00
3	012040	Filling, watering and ramming earth in 15 cm layers in floors and foundations with surplus earth from foundations including 50m lead and 1.5m lift	cum	65.00	20.40	1326.00
4	012050	Supplying and filling sand in plinth and under floors including watering, ramming, consolidating and dressing complete	cum	5.00	359.67	1798.35
5	021070	Loading/Unloading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones , rubble stones, laterite, coal, surkhi, dry mortar, sand , moorum, earth, manure or sludge, ashes, lime etc., including lead up to 50m and stacking into/from trucks, trailers or wagons	cum	60.00	41.23	2473.80

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6	021090	Leading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, laterite, coal, surkhi, dry mortar, sand, moorum, earth, manure or sludge, ashes, lime, debris, muck, malba, etc. for lead upto 25 km. Note : Lead under this item is payable when the same exceeds 500m.	cum	30.00	106.00	3180.00
		Providing and laying in position cement concrete of specified proportion excluding cost of cement, centering and shuttering - All works upto Plinth level :				
7	031011	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size)	cum	8.00	2139.85	17118.80
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
8	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	15.00	2325.34	34880.10
9	031024	1:1.5:3 (1cement : 1.5 sand : 3 graded stone aggregate 20mm nominal size)	cum	2.00	2325.34	4650.68
		Providing and laying in position M 20 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge				
10	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	cum	22.00	2732.49	60114.78
11	041012	All work in buildings above plinth level upto floor two level.	cum	17.00	3004.22	51071.74
		Centering and shuttering including strutting, propping etc. and removal of form for :				
12	042011	Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.	Sqm	50.00	145.90	7295.00
13	042013	Suspended floors, roofs, landings, balconies, FOB slabs, walkway slabs and access platform	Sqm	175.00	234.36	41013.00
14	042014	Lintels, beams, plinth beams, bed blocks, girders, bressumers and cantilevers	Sqm	45.00	208.55	9384.75
15	042015	Columns, pillars, , posts and struts	Sqm	20.00	297.00	5940.00
		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
16	043015	In slabs for drain covers, manhole covers, flue tops etc.	cum	1.00	3223.38	3223.38
		Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
17	045014	High yield strength deformed bars	Kg	2886.00	69.36	200172.96

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		Brick work with non-modular (FPS) bricks of class designation 7.5 in foundation and plinth in :				
18	051015	Cement mortar 1:6 (1 cement : 6 fine sand)	cum	43.00	2163.97	93050.71
19	051017	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	5.00	2206.10	11030.50
20	051040	Extra over item 051010 & 051020 for brick work in superstructure beyond plinth level upto floor two level :	cum	35.00	151.99	5319.65
		Half brick masonry with bricks of class designation 7.5 in foundations and plinth in :				
21	051182	Cement mortar 1:4 (1 Cement : 4 coarse sand)	Sqm	15.00	265.31	3979.65
22	051190	Extra for half Brick masonry in superstructure above plinth level upto floor two level	Sqm	10.00	42.15	421.50
		Providing wood work in frames of doors, windows, clerestory windows and other frames and trusses, wrought, framed and fixed in position :				
23	071012	Sal wood	cudm	150.00	52.03	7804.50
		Providing and fixing panelled/glazed or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S. butt hinges with necessary screws excluding, panelling/glazing which will be paid for separately				
24	072016	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). 30mm thick	Sqm	8.00	1287.59	10300.72
		Providing and fixing panelling/glazing or panelling and glazing in panelled/ glazed 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/glazing for panelled/ glazed or panelled and glazed shutters 25mm to 40mm thick				
25	072023	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway) 15 mm thick	Sqm	5.00	875.29	4376.45
		Providing and fixing flush door shutters to IS: 2202 Part-I non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
26	072152	30mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	5.00	1286.46	6432.30
		Providing and fixing plywood plain lining with necessary screws, priming coat on unexposed surface etc. complete with :				
27	074084	6mm thick commercial ply lining of approved manufacturer	Sqm	5.00	682.64	3413.20
		Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete				
28	074232	Fixed to opening/ wooden frames with rawl plugs screws etc.	Kg	450.00	88.09	39640.50
		Providing and fixing float glass panes with putty and nails including removal of old broken panes wherever required				
29	074302	Frosted glass panes 4mm thick (10kg /sqm)	Sqm	1.00	570.64	570.64
		Providing and fixing M.S. sliding door bolts generally conforming to IS: 281, bright satin finish or black stone enamelled with nuts and screws etc. complete of size				
30	075051	300x16 mm	Each	4.00	198.04	792.16

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31	077380	Providing and fixing nickel chromium plated brass hanging type floor door stopper with necessary screws etc. complete	Each	5.00	333.93	1669.65
		Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete				
32	078061	125mm	Each	10.00	55.11	551.10
33	078130	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitered at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm 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 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge	Metre	5.00	486.05	2430.25
34	078140	Providing and fixing to existing door frames 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers. M.S. frame covered with 5mm thick heat moulded PVC Foam sheet 'C' channel as per drawing given in IR Standard Specifications complete in all respect	Sqm	2.00	3090.66	6181.32
		Structural steel work welded in built up sections, trusses and framed work, girders, stagings, racks, etc including cutting, bending, straightening, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
35	081031	In RSJ, tees, angles and channels	Kg	125.00	100.34	12542.50
36	081032	In flats, plates, round or square bars	Kg	90.00	97.88	8809.20
		Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS:733 and IS:1285, anodised transparent or dyed to required shade according to IS:1868 (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered 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 and panelling to be paid for separately)				
37	082012	For openable/sliding portions and fixing hinges / pivots, PVC/ neoprene gasket required and making provision for fixing of fittings. (Fittings shall be paid for separately)	Kg	5.00	514.02	2570.10
		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ 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)				

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38	082031	With float/frosted glass panes of 4mm thickness (weight not less than 10.0 kg/sqm)	Sqm	3.00	907.36	2722.08
39	082080	Aluminium Composite Cladding - Providing and fixing Aluminium Composite Panels having total thickness of 4mm (with 0.5mm thick aluminium foil skin on both sides) alongwith minimum 25 micron PVdF Coating on top coil and Polymer/epoxy coating on Back coil (4-7 microns) fixed on aluminium substructure of 50mm x 25mm x 3mm or 38mm x 38mm x 4mm (IS Grade Aluminium Extrusion) with stainless steel fastening system of Hilti/Fischer Dash Fasteners on facade, horizontal / vertical surfaces of columns, suspended ceiling, sills, jambs, canopies etc. and making 25mm grooves and applying non staining and non streaking sealant 789 or 991 HP with Baker Rod complete as per approved shop drawings and as per specifications (straight and curved). Only exposed surfaces to be measured and paid.	Sqm	10.00	2322.94	23229.40
40	083050	Fabricating, supplying & installing stainless steel railings for staircases, balconies, FOBs, Enquiry/Reservation complex etc., made of SS 304 grade stainless steel, laser cut / water jet cut (no shearing), polished with Automatic round/flat polishing machine to get a uniform hairline finish. All parts shall be connected to each other with the help of prescribed size CNC made solid connectors, countersunk screws. Welding should be finished ensuring that no welding marks are visible and assembly is mounted on floor with the help of dash fasteners. Railings shall be fabricated as per approved drawings by engineer-in-charge. Manufacturer shall submit maintenance manual and basic material test report for grade certification.	Kg	10.00	689.78	6897.80
		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary) of average thickness 25 mm including ramming sub grade :				
41	091032	Flat brick	Sqm	150.00	171.16	25674.00
		Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete				
42	092011	25mm thick with 12.5mm nominal size stone aggregate	Sqm	50.00	106.38	5319.00
		Providing and fixing 1st quality ceramic tiles conforming to Group B-III (Ceramic Wall Tiles) of IS:15622 of manufacturers approved by railway in all colours, shades, and design as approved by the Engineer-in-Charge in skirting, risers of steps and dado over 12mm thick bed of cement mortar 1:3 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
43	095013	300x450 mm and above	Sqm	20.00	745.00	14900.00
		Providing and fixing ceramic tiles conforming to IS:15622 of manufacturers approved by railway in all colours, shades, design and abrasion resistance class as approved by the Engineer-in-Charge in floors and landings over 20mm thick bed of cement mortar 1:4 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				

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44	095022	Of Group B-II Clause 5.1 (for abrasion resistance) of IS:15622 (Ceramic Floor Tiles) of size 400x400mm and above	Sqm	10.00	598.88	5988.80
		Polished stone tile work for wall lining (dado) over 12mm thick bed of cement mortar 1:3, including pointing in white cement with an admixture of pigment to match the stone shade with tiles of all size upto 300 x 300 mm				
45	099081	8 mm thick pink/grey granite tiles	Sqm	5.00	1502.66	7513.30
46	099082	8mm thick superior quality black granite tiles	Sqm	2.00	1907.93	3815.86
		Providing and fixing 18mm thick mirror polished, machine cut for floors and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1cement: 4coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touchups, including rubbing, curing etc. complete at all levels				
47	099164	Granite Black. Area of slab over 0.5 Sqm but upto 1.0 Sqm	Sqm	3.00	2939.01	8817.03
		Providing and fixing on wall face unplasticised - Rigid PVC single socketed rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.				
48	108162	110mm dia.	Metre	9.00	232.69	2094.21
		Providing and fixing on wall face unplasticised - PVC moulded bend and shoe for unplasticised-Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion				
49	108182	Bend 87.5o, 110mm dia bend	Each	5.00	214.46	1072.30
		12 mm cement plaster of mix -				
50	111012	1:6 (1cement: 6fine sand)	Sqm	185.00	62.44	11551.40
		12 mm cement plaster finished with a floating coat of neat cement of mix -				
51	111072	1:4 (1cement: 4fine sand)	Sqm	25.00	75.83	1895.75
		Cement plaster to ceiling of mix -				
52	111151	6 mm thick 1:3 (1cement: 3 fine sand)	Sqm	60.00	55.56	3333.60
53	112040	Providing and applying plaster of Paris putty of 2mm average thickness over plastered surface to prepare the surface even and smooth complete	Sqm	150.00	76.54	11481.00
54	115050	Distempering two or more coats on new work with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete as per manufacturer's specification	Sqm	150.00	35.51	5326.50
55	115110	Finishing walls with water proofing cement paint of required shade two or more coats on new work applied @ 3.84 Kg/10 sqm	Sqm	150.00	41.76	6264.00
		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade				
56	121051	Two or more coats on new work	Sqm	120.00	50.45	6054.00
57	154100	Providing and fixing 110 mm PVC Plain bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	5.00	94.71	473.55

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58	171420	Supplying, fitting, fixing & installing including boring of 40 mm dia hand tube well assembly India Mark II having total depth of 50 metres with the following components as per IS:9301 : i) Hand pump (single acting) India mark - II galvanised as per IS : 9301 - 90. ii) Brass strainer mesh type made of long slotted medium B class G.I. pipes with 80-mesh brass wire net wrapping around the perforated pipe and jacketed by 26 / 28 SWG brass perforated sheet. 40 mm dia (2 lengths of each 1.83 m connected with G.I. socket). iii) C.I. cylinder with G.M. parts India mark - II 65 mm dia x 0.45 m long as per IS: 9301 - 90. iv) G.I. casing pipe 100 mm dia medium quality ISI marked 18 m long. v) G.I. pipe 40 mm dia medium quality ISI marked 28.35 m long. vi) 32 mm dia G.I. pipe (riser) medium quality ISI marked 17 m long. vii) 12 mm dia bright bar electro galvanised connecting rod, 3.0 m long each as per IS : 9301 of length as required. viii) all accessories as per IS: 9301 -90 such as G.I. reducing socket 100 mm x 40 mm, C.I. plug cutter 40 mm, base plate, M.S. nuts & bolts etc. The work also includes priming, development and testing of the yield (which should be sufficient enough) for seven days with all labour, material, tools and plants complete. ix) 40 mm dia G.I. ISI marked medium quality hanging pipe to the extent of 17 m. x) all accessories such as C.I. plug cutter 40 mm, base plate, M.S. nuts & bolts etc. as required . The work also includes priming & development and testing of the yield (which should be sufficient enough) for seven days with cost of labour and material, all tools and plants complete in all respect	Each	1.00	54907.12	54907.12
59	252050	Pozzolana Portland Cement (fly ash)	MT	26.66	6842.50	182421.05
					Total	1070570.89
Schedule	Schedule B3-Overall percentage Above/Below/At par on assessed cost of Schedule-B3 (Items of USSOR-2011) for Civil Engineering work of construction of new booking office cum waiting hall at Narganjo Halt.					
Item- 4	Items of schedule- B3					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in				
1	011011	All kinds of soils	cum	98.66	88.16	8697.87
2	012010	Extra over item 011010 for excavation in foundations for buildings and bridges to cover dressing to neat dimension and plumbing sides etc. Note : Dressing under this item is payable for the total quantity of excavation in foundation and not partly	cum	8.66	9.20	79.67
3	012040	Filling, watering and ramming earth in 15 cm layers in floors and foundations with surplus earth from foundations including 50m lead and 1.5m lift	cum	39.80	20.40	811.92
4	012050	Supplying and filling sand in plinth and under floors including watering, ramming, consolidating and dressing complete	cum	2.09	359.67	751.71

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5	021070	Loading/Unloading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, laterite, coal, surkhi, dry mortar, sand, moorum, earth, manure or sludge, ashes, lime etc., including lead up to 50m and stacking into/from trucks, trailers or wagons	cum	60.00	41.23	2473.80
6	021090	Leading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, laterite, coal, surkhi, dry mortar, sand, moorum, earth, manure or sludge, ashes, lime, debris, muck, malba, etc. for lead upto 25 km. Note : Lead under this item is payable when the same exceeds 500m.	cum	30.00	106.00	3180.00
		Providing and laying in position cement concrete of specified proportion excluding cost of cement, centering and shuttering - All works upto Plinth level :				
7	031011	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size)	cum	8.00	2139.85	17118.80
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
8	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	12.09	2325.34	28113.36
9	031024	1:1.5:3 (1cement : 1.5 sand : 3 graded stone aggregate 20mm nominal size)	cum	2.00	2325.34	4650.68
		Providing and laying in position M 20 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge				
10	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	cum	5.38	2732.49	14700.80
11	041012	All work in buildings above plinth level upto floor two level.	cum	6.30	3004.22	18926.59
		Centering and shuttering including strutting, propping etc. and removal of form for :				
12	042011	Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.	Sqm	32.63	145.90	4760.72
13	042013	Suspended floors, roofs, landings, balconies, FOB slabs, walkway slabs and access platform	Sqm	123.40	234.36	28920.02
		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
14	043015	In slabs for drain covers, manhole covers, flue tops etc.	cum	1.00	3223.38	3223.38

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		Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
15	045014	High yield strength deformed bars	Kg	19.16	69.36	1328.94
		Brick work with non-modular (FPS) bricks of class designation 7.5 in foundation and plinth in :				
16	051015	Cement mortar 1:6 (1 cement : 6 fine sand)	cum	10.97	2163.97	23738.75
17	051017	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	5.00	2206.10	11030.50
18	051040	Extra over item 051010 & 051020 for brick work in superstructure beyond plinth level upto floor two level :	cum	13.47	151.99	2047.31
		Half brick masonry with bricks of class designation 7.5 in foundations and plinth in :				
19	051182	Cement mortar 1:4 (1 Cement : 4 coarse sand)	Sqm	15.00	265.31	3979.65
20	051190	Extra for half Brick masonry in superstructure above plinth level upto floor two level	Sqm	10.00	42.15	421.50
		Providing wood work in frames of doors, windows, clerestory windows and other frames and trusses, wrought, framed and fixed in position :				
21	071012	Sal wood	cudm	150.00	52.03	7804.50
		Providing and fixing panelled/glazed or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S. butt hinges with necessary screws excluding, panelling/glazing which will be paid for separately				
22	072016	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). 30mm thick	Sqm	8.00	1287.59	10300.72
		Providing and fixing panelling/glazing or panelling and glazing in panelled/ glazed 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/glazing for panelled/ glazed or panelled and glazed shutters 25mm to 40mm thick				
23	072023	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway) 15 mm thick	Sqm	5.00	875.29	4376.45
		Providing and fixing flush door shutters to IS: 2202 Part-I non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
24	072152	30mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	5.00	1286.46	6432.30
		Providing and fixing plywood plain lining with necessary screws, priming coat on unexposed surface etc. complete with :				
25	074084	6mm thick commercial ply lining of approved manufacturer	Sqm	5.00	682.64	3413.20
		Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete				
26	074232	Fixed to opening/ wooden frames with rawl plugs screws etc.	Kg	450.00	88.09	39640.50
		Providing and fixing float glass panes with putty and nails including removal of old broken panes wherever required				
27	074302	Frosted glass panes 4mm thick (10kg /sqm)	Sqm	1.00	570.64	570.64

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		Providing and fixing M.S. sliding door bolts generally conforming to IS: 281, bright satin finish or black stone enamelled with nuts and screws etc. complete of size				
28	075051	300x16 mm	Each	4.00	198.04	792.16
29	077380	Providing and fixing nickel chromium plated brass hanging type floor door stopper with necessary screws etc. complete	Each	5.00	333.93	1669.65
		Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete				
30	078061	125mm	Each	10.00	55.11	551.10
31	078130	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitered at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm 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 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge	Metre	5.00	486.05	2430.25
32	078140	Providing and fixing to existing door frames 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers. M.S. frame covered with 5mm thick heat moulded PVC Foam sheet 'C channel as per drawing given in IR Standard Specifications complete in all respect	Sqm	2.00	3090.66	6181.32
		Structural steel work welded in built up sections, trusses and framed work, girders, stagings, racks, etc including cutting, bending, straightening, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
33	081032	In flats, plates , round or square bars	Kg	90.00	97.88	8809.20
		Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS:733 and IS:1285, anodised transparent or dyed to required shade according to IS:1868 (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered 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 and panelling to be paid for separately)				
34	082012	For openable/sliding portions and fixing hinges / pivots, PVC/ neoprene gasket required and making provision for fixing of fittings. (Fittings shall be paid for separately)	Kg	5.00	514.02	2570.10

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		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ 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)				
35	082031	With float/frosted glass panes of 4mm thickness (weight not less than 10.0 kg/sqm)	Sqm	3.00	907.36	2722.08
36	082080	Aluminium Composite Cladding - Providing and fixing Aluminium Composite Panels having total thickness of 4mm (with 0.5mm thick aluminium foil skin on both sides) alongwith minimum 25 micron PVdF Coating on top coil and Polymer/epoxy coating on Back coil (4-7 microns) fixed on aluminium substructure of 50mm x 25mm x 3mm or 38mm x 38mm x 4mm (IS Grade Aluminium Extrusion) with stainless steel fastening system of Hilti/Fischer Dash Fasteners on facade, horizontal / vertical surfaces of columns, suspended ceiling, sills, jambs, canopies etc. and making 25mm grooves and applying non staining and non streaking sealant 789 or 991 HP with Baker Rod complete as per approved shop drawings and as per specifications (straight and curved). Only exposed surfaces to be measured and paid.	Sqm	10.00	2322.94	23229.40
37	083050	Fabricating, supplying & installing stainless steel railings for staircases, balconies, FOBs, Enquiry/Reservation complex etc., made of SS 304 grade stainless steel, laser cut / water jet cut (no shearing), polished with Automatic round/flat polishing machine to get a uniform hairline finish. All parts shall be connected to each other with the help of prescribed size CNC made solid connectors, countersunk screws. Welding should be finished ensuring that no welding marks are visible and assembly is mounted on floor with the help of dash fasteners. Railings shall be fabricated as per approved drawings by engineer-in-charge. Manufacturer shall submit maintenance manual and basic material test report for grade certification.	Kg	10.00	689.78	6897.80
		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary) of average thickness 25 mm including ramming sub grade :				
38	091032	Flat brick	Sqm	118.90	171.16	20350.92
		Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete				
39	092011	25mm thick with 12.5mm nominal size stone aggregate	Sqm	50.00	106.38	5319.00
		Providing and fixing 1st quality ceramic tiles conforming to Group B-III (Ceramic Wall Tiles) of IS:15622 of manufacturers approved by railway in all colours, shades, and design as approved by the Engineer-in-Charge in skirting, risers of steps and dado over 12mm thick bed of cement mortar 1:3 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
40	095013	300x450 mm and above	Sqm	20.00	745.00	14900.00

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		Providing and fixing ceramic tiles conforming to IS:15622 of manufacturers approved by railway in all colours, shades, design and abrasion resistance class as approved by the Engineer-in-Charge in floors and landings over 20mm thick bed of cement mortar 1:4 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
41	095022	Of Group B-II Clause 5.1 (for abrasion resistance) of IS:15622 (Ceramic Floor Tiles) of size 400x400mm and above	Sqm	10.00	598.88	5988.80
		Polished stone tile work for wall lining (dado) over 12mm thick bed of cement mortar 1:3, including pointing in white cement with an admixture of pigment to match the stone shade with tiles of all size upto 300 x 300 mm				
42	099081	8 mm thick pink/grey granite tiles	Sqm	5.00	1502.66	7513.30
43	099082	8mm thick superior quality black granite tiles	Sqm	2.00	1907.93	3815.86
		Providing and fixing 18mm thick mirror polished, machine cut for floors and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1cement: 4coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touchups, including rubbing, curing etc. complete at all levels				
44	099164	Granite Black. Area of slab over 0.5 Sqm but upto 1.0 Sqm	Sqm	3.00	2939.01	8817.03
		Providing and fixing on wall face unplasticised - Rigid PVC single socketed rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.				
45	108162	110mm dia.	Metre	9.00	232.69	2094.21
		Providing and fixing on wall face unplasticised - PVC moulded bend and shoe for unplasticised-Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion				
46	108182	Bend 87.5o, 110mm dia bend	Each	5.00	214.46	1072.30
		12 mm cement plaster of mix -				
47	111012	1:6 (1cement: 6fine sand)	Sqm	56.27	62.44	3513.50
		12 mm cement plaster finished with a floating coat of neat cement of mix -				
48	111072	1:4 (1cement: 4fine sand)	Sqm	25.00	75.83	1895.75
		Cement plaster to ceiling of mix -				
49	111151	6 mm thick 1:3 (1cement: 3 fine sand)	Sqm	60.00	55.56	3333.60
50	112040	Providing and applying plaster of Paris putty of 2mm average thickness over plastered surface to prepare the surface even and smooth complete	Sqm	150.00	76.54	11481.00
51	115050	Distempering two or more coats on new work with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete as per manufacturer's specification	Sqm	150.00	35.51	5326.50
52	115110	Finishing walls with water proofing cement paint of required shade two or more coats on new work applied @ 3.84 Kg/10 sqm	Sqm	150.00	41.76	6264.00
		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade				
53	121051	Two or more coats on new work	Sqm	120.00	50.45	6054.00

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54	154100	Providing and fixing 110 mm PVC Plain bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	5.00	94.71	473.55
55	171420	Supplying, fitting, fixing & installing including boring of 40 mm dia hand tube well assembly India Mark II having total depth of 50 metres with the following components as per IS:9301 : i) Hand pump (single acting) India mark - II galvanised as per IS : 9301 - 90. ii) Brass strainer mesh type made of long slotted medium B class G.I. pipes with 80-mesh brass wire net wrapping around the perforated pipe and jacketed by 26 / 28 SWG brass perforated sheet. 40 mm dia (2 lengths of each 1.83 m connected with G.I. socket). iii) C.I. cylinder with G.M. parts India mark - II 65 mm dia x 0.45 m long as per IS: 9301 - 90. iv) G.I. casing pipe 100 mm dia medium quality ISI marked 18 m long. v) G.I. pipe 40 mm dia medium quality ISI marked 28.35 m long. vi) 32 mm dia G.I. pipe (riser) medium quality ISI marked 17 m long. vii) 12 mm dia bright bar electro galvanised connecting rod, 3.0 m long each as per IS : 9301 of length as required. viii) all accessories as per IS: 9301 -90 such as G.I. reducing socket 100 mm x 40 mm, C.I. plug cutter 40 mm, base plate, M.S. nuts & bolts etc. The work also includes priming, development and testing of the yield (which should be sufficient enough) for seven days with all labour, material, tools and plants complete. ix) 40 mm dia G.I. ISI marked medium quality hanging pipe to the extent of 17 m. x) all accessories such as C.I. plug cutter 40 mm, base plate, M.S. nuts & bolts etc. as required . The work also includes priming & development and testing of the yield (which should be sufficient enough) for seven days with cost of labour and material, all tools and plants complete in all respect	Each	1.00	54907.12	54907.12
56	252050	Pozzolana Portland Cement (fly ash)	MT	13.87	6842.50	94905.48
					Total	565373.26
Schedule	Schedule BI-Overall percentage Above/Below/At par on assessed cost of Schedule-B1 (Items of USSOR-2011)for Civil Engineering work of improvement of station approach road beside TRD Colony with other ancillary work at Jamtara under AEN/MDP.					
Item- 2	Items of Schedule-B1					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in				
1	011011	All kinds of soils	cum	42.78	88.16	3771.48
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
2	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	73.98	2325.34	172028.65

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		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
3	043015	In slabs for drain covers, manhole covers, flue tops etc.	cum	1.21	3223.38	3900.29
		Providing and fixing float glass panes with putty and nails including removal of old broken panes wherever required				
4	074301	Float Glass panes 4mm thick (10kg /sqm)	Sqm	5.02	590.67	2965.16
		Structural steel work in single section including cutting, bending, straightening, drilling, rivetting, bolting, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
5	081011	In RSJ, tees, angles and channels	Kg	112.94	71.43	8067.30
6	081390	6mm welding by gas plant including transportation of gas welding plant at site etc. complete	cm	280.00	11.73	3284.40
		Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required				
7	081412	In gratings, frames, guard bar, ladders, railings, brackets, gates and similar works	Kg	3050.00	100.50	306525.00
		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary)of average thickness 25 mm including ramming sub grade :				
8	091032	Flat brick	Sqm	26.41	171.16	4520.34
		Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete				
9	092011	25mm thick with 12.5mm nominal size stone aggregate	Sqm	95.16	106.38	10123.12
10	109200	Providing and fixing permanently colour coated trapezoidal profiled sheet of depth 28-30mm at 195-205mm pitch distance with precisely engineered 'Rib & Flute" design. Profiled sheets shall be min. 0.5mm TCT/0.45mm BMT high tensile zinc aluminium alloy coated zincalume / galvalume steel sheet (550 mpa yield strength) having a coating of mass of 150 gsm zinc-aluminium coating AZ-150 total on both sides as per, AS 1397:1993 finished with 20 microns approved colour coating of Silicon Modified Polyester (SMP) / Super Polyester paint coat on exposed surface over a primer coat of 5 microns and a back coat of 5 microns on reverse side over a 5 microns primer coat. There shall be 2 small ribs/square flutes between profiles for providing additional strength. The sheet to be fixed over the purlins with hexagonal head self drilling suitable fasteners with neoprene / EPDM washer on crests of the sheet	Sqm	13.37	734.20	9816.25

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		Providing & fixing of coloured galvalume plain sheet flashings at ridges / apex junctions of roofing cladding, cover / corner / barge pieces etc. in required shape, colour duly fixed with stitching screws (with EPDM washers etc. as per site requirement)				
11	109261	Upto 600 mm width (girth)	Running Metre	10.83	488.29	5288.18
		12 mm cement plaster of mix -				
12	111011	1:4 (1cement: 4 fine sand)	Sqm	120.00	62.44	7492.80
13	111012	1:6 (1cement: 6fine sand)	Sqm	705.02	62.44	44021.45
		12 mm cement plaster finished with a floating coat of neat cement of mix -				
14	111072	1:4 (1cement: 4fine sand)	Sqm	103.54	75.83	7851.44
		Cement plaster to ceiling of mix -				
15	111151	6 mm thick 1:3 (1cement: 3 fine sand)	Sqm	26.04	55.56	1446.78
		Providing and fixing medium grade G.I. pipes complete with G.I. fittings including trenching and refilling etc. External Work				
16	131151	15 mm dia. nominal bore	Metre	48.43	138.82	6723.05
17	131153	25 mm dia. nominal bore	Metre	43.38	236.37	10253.73
18	131154	32 mm dia. nominal bore	Metre	72.00	269.77	19423.44
19	131155	40 mm dia. nominal bore	Metre	24.00	320.53	7692.72
		Making connection of medium grade G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete				
20	131161	25 to 40 mm nominal bore	Each	5.00	247.60	1238.00
		Providing and fixing PTMT bib cock of approved quality and colour				
21	134011	15mm nominal bore, 86mm long. Weighing not less than 88 gms	Each	30.00	138.29	4148.70
		Providing and fixing PTMT stop cock of approved quality and colour				
22	134021	15mm nominal bore, 86mm long. Weighing not less than 88 gms	Each	12.00	140.61	1687.32
		Providing and fixing PTMT pillar cock of approved quality and colour				
23	134031	15mm nominal bore, 107mm long. Weighing not less than 110 gms	Each	22.00	216.61	4765.42
24	134070	Providing and fixing PTMT angle stop cock 15mm nominal bore. Weighing not less than 85 gms	Each	3.00	171.19	513.57
		Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work)				
25	136131	15mm nominal bore	Each	7.00	111.12	777.84
26	136134	32mm nominal bore	Each	3.00	194.75	584.25
27	136135	40mm nominal bore	Each	2.00	236.95	473.90
		Providing and fixing white, vitreous china water closet squatting pan (Indian type)				
28	151121	Long pattern W.C. pan of size 580mm	Each	5.00	792.18	3960.90
		Providing and fixing white, vitreous china wash basin, including making all connections but excluding the cost of fittings				
29	151282	Flat back wash basin of size 550x400mm	Each	6.00	662.62	3975.72
		Providing and fixing PVC connector 15 mm size with non corrosive PTMT couplings in both ends				
30	153492	15mm dia 450mm long	Each	6.00	77.12	462.72
31	183010	Dismantling cement concrete / terrazzo flooring and/or underlayer excluding base concrete	Sqm	244.43	17.33	4235.97

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		Providing and applying tack coat using bitumen emulsion (Rapid setting) complying with IS: 8887- 1995, spraying the bitumen emulsion with mechanically operated spray unit, cleaning and preparing the existing road surface as per specification				
32	233012	On bituminous surface @ 0.25kg/ sqm	Sqm	708.76	16.66	11807.94
33	252050	Pozzolana Portland Cement (fly ash)	MT	27.09	6842.50	185363.33
					Total	859191.16

4. ELIGIBILITY CONDITIONS

5. COMPLIANCE

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Documents to be uploaded only in the website by the Tenderer Following Annexures duly filled and signed are to be uploaded online only prior to Closing of Tender. Original copy of all the documents to be submitted to office within 7 days whenever demanded by the Railway. Otherwise, Railway reserves rights to Reject/Accept such tender/offer without any reference to the tenderer/tenderer's. Annexures are available at Upload/View Document menu in Home Page of IREPS portal for works tender. Annexure Description 1. Annexure-I(a) Details of the Works Completed by the Tenderer during the last seven years to be filled & submitted as per Annexure-I(a). 2. Annexure-I(b) Details of contractual payment received by the Tenderer during the last 3 (three) financial years including the current financial year to be filled & submitted in Annexure-I(b). 3 Annexure-II Details of Plants and Machinery with the Tenderer to be filled & submitted as per Annexure- II. 4 Annexure-III Details of Personnel and Organization of the Tenderer to be filled & submitted as per Annexure-III. 5 Annexure-IV Details of Works Presently on hand of the Tenderer to be filled & submitted as per Annexure- IV. 6 Annexure-V Details regarding Association of Railway Officer(s) with the tenderer to be filled & submitted as per Annexure- V. 7 Annexure-VI List of the Arbitration Cases of the Tenderer during last five years to be filled & submitted as per Annexure-VI. 8 Annexure-VII List of the Court Cases of the Tenderer during last Five years to be filled & submitted in Annexure- VII. 9 Annexure-VIII NEFT MANDATE FORM. All Payments to the agency (including the refund of the Bid Security of the unsuccessful bidder preferably) will be remitted through NEFT. The Tenderer is required to submit Bank details and A/C No. etc. in Annexure-VIII. 10 Annexure-IX GST COMPLAINT INVOICE : To be filled & submitted as per Annexure-IX. 11 Annexure-X FORMAT FOR CERTIFICATE TO BE SUBMITTED / UPLOADED BY TENDERER ALONGWITH THE TENDER DOCUMENTS as per Annexure-X. 12. Annexure-X(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. 13. Annexure-XI LETTER OF CREDIT: To be filled & submitted as per Annexure-XI. 14. Annexure-XII BID SECURITY: Bank Guarantee Bond from any scheduled commercial bank of India to be filled & submitted as per Annexure-XII. 15. Annexure-XIII Annual Contractual Turnover Data for the Previous 3/4 Years (Contractual Payment only) to be filled & submitted as per Annexure-XIII. 16. Annexure- XIV TENDER FORM (FIRST SHEET)- Tender Form (First Sheet) to be filled & submitted as per Annexure-XIV. 17. Annexure-XV TENDERER'S CREDENTIALS (BID CAPACITY) to be submitted as per Annexure-XV. (This annexure will be applicable, if tender having advertised value more than Rs 10 crore wherein eligibility criteria includes bid capacity)	No	No	Not Allowed

Commercial-Compliance

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1	Demand for the Financial Criteria, Association of Railway Officers, List of Arbitration cases, Court cases and Mandate for NEFT , etc. are to be uploaded with a scanned copy duly filled in and signed as per annexure no. IV, V, VI, VII, VIII,IX,XI, XII, XIII, XIV. These Annexures are available in View Document menu at Home page and is downloadable. The details of the uploaded documents should be produced whenever demanded for verification on written request at any point of time of the tender and contract within 7 days.Otherwise, Railway reserves rights to Reject/Accept such tender/offer without any reference to the tenderer/tenderer's.	Yes	No	Allowed (Mandatory)
2	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	Opening of e-tender:1. The e-tenders will be opened online using the IREPS portal. No representative is required to be present for opening of e-tender and taking notes of rates quoted and ranking as the complete details of rates etc. of all the bidders shall be available to the bidders through the website after the opening of the tender. Note: For more details refer to CI: 4 of General Instruction-Chapter-I for Submission of Bid Security , Cost of Tender Document and opening of e-tender. Tenderers are requested to go through the following documents which are available in upload/View Documents in Home page of IREPS portal for works tenders before submitting the e-tender. 1. General Instruction for E-Tenders on works contract--Chapter- I 2. Special Condition-General- Chapter-II.	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	<p>1.The work will have to be completed within 09 months from the date of issue of acceptance letter. 2.Contractor is required to start the work at an earliest after receipt of LOA. 3.Railway Administration may use vehicle and equipment of contractor in case of accident/natural calamities involving human life. 4.GCC-2022 with all correction slips are binding upon the contractor. 5.The contractor must issue employment and identity card to his workers before starting the work within railway premises. 6.Contractor must give the name of site representative before entering into the execution of work. 7.The contractor must keep first aid box at the site of work. 8.Trade license, labour registration/ labour certificate must be submitted before execution of agreement as per extent rule. 9.The work will be done as per instruction of AEN or his representative at site. 10.The materials should be passed by the competent authority before these are incorporated in the work. 11.The work will be carried out as per the latest edition of IRWM. 12.The contractor must abide by and comply with the provision of contract labour (Regulation and Abolition Act, 1970) and Central Rules, 1971 as revised time to time. 13.Safety of contractor's labour while working should be ensured by the contractor. 14.All removed excess earth and debris to be disbursed by the contractor outside Railway land with his own cost. 15.Contractor should arrange testing for cement and other materials at his own cost and as directed by Engineer at site. Cube test (Crushing strength) to be done as per IS-456- 1987. 16.As per extant rules Income tax, GST, Surcharge , etc as applicable will be deducted from the bill. 17.All labour, tools, plants, and consumables will be supplied by the contractor at his own cost including their transportation to site & removal from site, complete in all respect. 18.The quantity mentioned above against various items is approx. for tendering purpose only whereas the payment will be made on the actual work done.</p>	No	No	Not Allowed
1.1	<p>19.The materials to be used and the method of construction will be decided by the Engineer or his representatives at site and this will be binding upon the contractor. 20.The Rly. Admn. reserves the right to reject/cancel tender at any time without assigning any reasons or whatsoever. 21.Released materials if any should be handed over to the store of the concern SE (Works) with proper accountal. 22.As per clause 55-B to GCC (addendum & corrigendum slip), the contractor shall comply with the provisions of Para 30 and 36-B of the Employees Provident Fund Scheme,1952 , Para 3 & 4 of Employees Pension Scheme, 1995 and Para 7 and of Employees Deposit Linked Insurance Scheme,1976 as modified from time to time , wherever applicable and shall indemnify the Railway from and against any claims under the aforesaid Act and Rules. 23.The supplier of goods and/ or service would be subject to GST Act and Rules as applicable from time to time. 24.All the bidders/tenderer should ensure that they are GST compliant and their quoted tax structure / rates are as per GST law. 25.Works contract taxes will be governed by GST Act 2017 and as per extent rules. 26.Before submitting a tender, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the tender forms are adequate and all the inclusive to accord with the provisions in Clause -37 of the Standard General Conditions of contract for the completion of works to the entire satisfaction of the Engineer. 27.Tenderer will examine the various provisions of The Central Goods and Services Tax Act, 2017 (CGST)/ Integrated Goods and Service Tax Act, 2017 (IGST)/ Union Territory Goods and Services Tax Act, 2017 (UTGST)/ respective State's Good and Service Tax Act (SGST) also, as notified by Central/ State Govt. & as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.</p>	No	No	Not Allowed

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1.2	28.The successful tenderer who is liable to be registered under CGST/IGST/UTGST/SGST Act shall submit GSTIN along with other details required under CGST/IGST/UTGST/SGST Act to railway immediately after the award of contract, without which no payment shall be released to the contractor. The contractor shall be responsible for deposition of applicable GST to the concerned authority. 29.In case the successful tenderer is not liable to be registered under CGST/ IGST/UTGST/SGST Act, the railway shall deduct the applicable GST from his/ their bills under reverse charge mechanism (RCM) and deposit the same to the concerned authority. 30.Latest guideline of Railway Board's vide letter no. 2018/CE-I/CT/9 Date 04-06- 2018 regarding " Letter of Credit" as Mode of payment in Works tenders or service tenders may be applicable, if required. 31.As per provision 55-C of GCC-2022 contractor shall provide details of his Letter of Acceptance (LOA)/Contract Agreements on Shramik Kalyan Portal within 15 days of issue of LOA for approval of concerned Engineer. 32.The maintenance period of the work will be 06 months from the date of completion of the work.	No	No	Not Allowed
1.3	33. JPO regarding procedure for undertaking digging work, in the vicinity of signalling, Electrical and Telecommunication cable based on, Telecom Circular No.9/2023 will be followed in this contract. The copy of the JPO is attached in documents of this tender for ready reference please. 34. If a tender is accepted at a rate 5% below the advertised tender value, the successful bidder shall be required to submit additional Performance Security equivalent to 5% of the awarded contract value, in terms of Advance Correction Slip No. 11 to GCC-2022.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Demand for the credential criteria both Technical and Similar nature of work and other technical details are to be uploaded with a scanned copy duly filled in and signed as per annexure no. I(a),I(b), II, III, X, X(A) etc. These Annexures are available in View Document menu at Home page and are downloadable. The details of the uploaded documents should be produced whenever demanded for verification on written request at any point of time of the tender and contract within 7 days. Otherwise, Railway reserves rights to Reject/Accept such tender/offer without any reference to the tenderer/tenderer's.	Yes	No	Allowed (Mandatory)
2	The tenderers shall submit a copy of certificate stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the certificate to be submitted by the bidder is enclosed as Annexure-X (Ref:-Annexure-V of GCC-2022 modified vide advance correction slip no.4). In addition to Annexure-X, in case of other than Company /Proprietary firm, Annexure -X(A) (Ref:-Annexure-V(A) of advance correction slip no.2 of GCC-2022) shall also be submitted by the each member of a Partnership Firm/ Joint Venture (JV) / Hindu Undivided Family (HUF) /Limited Liability Partnership (LLP) etc. as the case may be. Non submission of a copy of certificate by the bidder shall result in summarily rejection of his/their bid. It shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested/ digitally signed by which they/he are/is qualifying the Qualifying Criteria mentioned in the Tender Document.	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	1.0 WHEREAS the President of India acting through the Eastern Railway administration and their authorised officers has invited e-tenders for the above-mentioned work vide tender notice mentioned in the NIT Notice Inviting Tender published in the website. 2.0 AND WHEREAS I/We, have read the above NIT Notice Inviting Tender for e-tender, General instructions, Special Conditions-General, all special conditions and have purchased this e-tender document, have carefully read and understood the same, have visited the site and have satisfied myself/ourselves as to the nature of the work and site conditions before filling this e-tender. 3.0 AND WHEREAS my/our address for all communications hereinafter shall be considered as official and shall be made in the address, email Id and Mobile phone and other phone nos. given in the portal of IREPS while registering as tenderer for e-tender. In case of any change in this concerned officer of railway will be informed. 4.0 AND WHEREAS I/We state that in the event of this e-tender being unsuccessful, the aforesaid Bid Security deposited by me/us may be refunded to me/us through NEFT / by a crossed cheque on the Reserve Bank of India at Kolkata. 5.0 AND WHEREAS I/We hereby sign this e-tender document digitally by virtue of the legal authorities vested with me/us to enter into commitment on behalf of the tenderer, documentary support whereof is enclosed herewith. 6.0 AND WHEREAS I/We have read and understood this e-tender document and agree to abide by the various terms and conditions contained therein. I/We also agree to keep the offer open for acceptance for a period of 90 days from the date fixed for opening of the same and in default hereof, I/We will be liable for forfeiture of my/our Bid Security .	No	No	Not Allowed
2	7.0 Now, therefore I/We hereby submit this e-tender and offer to do the work for the Eastern Railway at the rates quoted in the schedule through online and hereby bind myself/ourselves to complete the work in all respects within the stipulated period of completion from the date of issue of the letter of acceptance of this tender. 8.0 And I/We agree to abide by the General Conditions of Contract 2022 editions and the Unified Standard Schedule of Rates Labour Materials of 2011 edition issued by the Eastern Railway, read with all correction slips issued thereto from time to time, and to carry out the works according to the special conditions and specifications of materials and works as laid hereunder in various chapters of this e-tender document. 9.0 And I/We have understood and accept the stipulation that full value of the Bid Security shall stand forfeited without prejudice to any other right or remedies if: 1. I/We do not execute the contract documents, in case my/our tender is accepted, within seven days after receipt of notice issued by the Railway that such documents are ready, or 2. I/we do not commence the work, in case my/our e-tender is accepted, within fifteen days after receipt of orders to that effect. 10.0 And until a formal agreement is executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed between us and indicated in the letter of acceptance of my/our offer for this work. 11.0 And I/We agree to produce the details of the uploaded documents whenever demanded for verification on written request at any point of time of the tender and contract within 7 days. Otherwise, Railway reserves rights to Reject/Accept such tender/offer without any reference to the tenderer/tenderer's.	No	No	Not Allowed
3	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Tenderdocuments.pdf	Tender documents
2	AnnexuresforCommercialcompliances.pdf	Annexures for Commercial Compliance
3	CheckList_1.pdf	Checklist
4	ANNEXURE-X_A_.pdf	Annexure-X -A -

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5	AdvCSGCC2022.pdf	ACS-2022
6	Annexuresoftechnicalcompliancess.pdf	Annexures of Technical complinces
7	JPOTelecomcircular9of2023_1.pdf	JPO Telecom circular 9 of 2023
8	GCC-2022_3.pdf	GCC-2022
9	Annexure-X_1.pdf	Annexure-X

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: JITENDRA KUMAR

Designation : Sr.DEN/II/ASN