

**SER-CONST-HQ-ENGG/SOUTH EASTERN RLY
TENDER DOCUMENT**

Tender No: 4441-GRC-CE-C-II-03-2024

Closing Date/Time: 01/04/2024 12:00

CE/CON acting for and on behalf of The President of India invites E-Tenders against Tender No **4441-GRC-CE-C-II-03-2024** Closing Date/Time 01/04/2024 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	Execution of work for the Yard remodelling work at Purulia in connection with Purulia-Kotshila doubling works under the jurisdiction of Dy. CE/Con/Adra, South Eastern Railway.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	01/04/2024 12:00	Date Time Of Uploading Tender	07/03/2024 11:26
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	240380760.57	Tendering Section	CE/CON/II
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	1351900.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	0.00	Period of Completion	5 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	18/03/2024	Are Joint Venture (JV) firms allowed to bid	Yes
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A -Execution of all works as detailed in schedule							7411456.80	Above/ Below/Par
1	Please see Item Breakup for details.				7411456.80	AT Par	7411456.80	
	Description:- Earth Work							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B -Execution of all works as detailed in schedule							6887843.55	Above/ Below/Par
2	Please see Item Breakup for details.				6887843.55	AT Par	6887843.55	
	Description:- Bridge Works-Substructure							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C -Execution of all works as detailed in schedule							1424563.34	Above/ Below/Par
3	Please see Item Breakup for details.				1424563.34	AT Par	1424563.34	
	Description:- Bridge Works-Substructure							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule D -Execution of all works as detailed in schedule							14889111.00	Above/ Below/Par
4	Please see Item Breakup for details.				14889111.00	AT Par	14889111.00	
	Description:- Foot Over Bridge							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule E -Execution of all works as detailed in schedule							2317816.22	Above/ Below/Par
5	Please see Item Breakup for details.				1981039.50	17.00	2317816.22	

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Description:- Structural Steel Work
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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule F-Execution of all works as detailed in schedule							8415459.00	Above/ Below/Par
6	Please see Item Breakup for details.				7192700.00	17.00	8415459.00	
	Description:- Road Work							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule G-Execution of all works as detailed in schedule							9689688.00	Above/ Below/Par
7	Please see Item Breakup for details.				9689688.00	AT Par	9689688.00	
	Description:- Supply of Portland Slag Cement							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule H-Execution of all works as detailed in schedule							13598200.00	Above/ Below/Par
8	Please see Item Breakup for details.				13598200.00	AT Par	13598200.00	
	Description:- Supply of Reinforcement							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule I-Execution of all works as detailed in schedule							12208471.51	Above/ Below/Par
9	Please see Item Breakup for details.				12208471.51	AT Par	12208471.51	
	Description:- P.Way Work							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule J-Execution of all works as detailed in schedule							3033420.00	Above/ Below/Par
10	Please see Item Breakup for details.				3033420.00	AT Par	3033420.00	
	Description:- Welding Work							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule K-Execution of all works as detailed in schedule							6680721.00	Above/ Below/Par
11	Please see Item Breakup for details.				6680721.00	AT Par	6680721.00	
	Description:- Carriage of Material							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule L-Execution of all works as detailed in schedule							15817443.53	Above/ Below/Par
12	Please see Item Breakup for details.				13519182.50	17.00	15817443.53	
	Description:- Platform and Drain Work							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule M-Execution of all works as detailed in schedule							4463306.64	Above/ Below/Par
13	Please see Item Breakup for details.				3814792.00	17.00	4463306.64	
	Description:- Flooring Work							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
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Schedule N -Execution of all works as detailed in schedule				673151.84	Above/ Below/Par
14	Please see Item Breakup for details.	575343.45	17.00	673151.84	
Description:- Pipe Line Work					

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule O -Execution of all works as detailed in schedule							1625931.45	Above/ Below/Par
15	Please see Item Breakup for details.				1389685.00	17.00	1625931.45	
Description:- Dismantling Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule P -Execution of all works as detailed in schedule							182808.99	Above/ Below/Par
16	Please see Item Breakup for details.				156247.00	17.00	182808.99	
Description:- Finishing Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule Q -Execution of all works as detailed in schedule							15212464.01	Above/ Below/Par
17	Please see Item Breakup for details.				15212464.01	AT Par	15212464.01	
Description:- P. Way Fittings Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule R -Execution of all works as detailed in schedule							8752468.17	Above/ Below/Par
18	Please see Item Breakup for details.				8752468.17	AT Par	8752468.17	
Description:- P. Way Miscellaneous								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule S -Execution of all works as detailed in schedule							33404614.30	Above/ Below/Par
19	Please see Item Breakup for details.				33404614.30	AT Par	33404614.30	
Description:- Blanketing Material								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule T -Execution of all works as detailed in schedule							73551600.00	Above/ Below/Par
20	Please see Item Breakup for details.				73551600.00	AT Par	73551600.00	
Description:- Supply of Ballast								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule U -Execution of all works as detailed in schedule							107767.22	Above/ Below/Par
21	Please see Item Breakup for details.				107767.22	AT Par	107767.22	
Description:- Soil Test								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule V -Execution of all works as detailed in schedule							32454.00	Above/ Below/Par
22	Please see Item Breakup for details.				32454.00	AT Par	32454.00	
Description:- Tree Cutting, Enumeration & Transportation								

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3. ITEM BREAKUP

Schedule		Schedule A-Execution of all works as detailed in schedule				
Item- 1		Earth Work				
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, platforms etc. with contractor's own earth conforming to Soil Quality Class SQ1/SQ2/SQ3, after preparation of foundations as applicable, benching in existing banks wherever required, spreading in layers with motor grader, bringing the moisture content to OMC, mechanical compaction to specified density and dressing of bank to final profile as per RDSO Specifications: RDSO/2020/GE: IRS-0004 with latest correction slips. Note: 1) Foundation preparation, Benching including additional earthwork on account of this, wherever required, shall be paid extra under relevant schedule item for benching. 2) Payment for Earthwork under this item shall be made based on the cross section measurements calculated (i) with original ground profile of existing bank based on initial ground levels before doing benching and (ii) final profile of the bank worked out with final levels as per prevailing guidelines.				
1	011032	Using Soil Class SQ2	cum	25000.00	253.42	6335500.00
		Earthwork in cutting in formation, trolley refuges, side drains, level crossing approaches, platforms, catch water drains, diversion of nallah & finishing to required dimension and slopes to obtain a neat appearance to standard profile inclusive of all labour, materials, plant & machinery, leading all cut spoils either to make spoil dumps or for filling in embankment with leads within 2 km on either side of edge of the cutting(s) including all lifts, ascent, descent, loading, unloading, bailing & pumping out water, if required, clearance of site and all other works incidental thereto for completing the work as per RDSO Specification No. RDSO/2020/GE: IRS-0004 with latest updated correction slips and to the satisfaction of the Engineer-in-Charge. Note: (i) All usable earth arising from cut spoils shall be led into bank formation and Unusable spoils shall be dumped / stacked away from toe of embankment. (ii) All hard rock /and boulders not fit for filling will be stacked by the contractor and will be property of the Railways. (iii)Cut trees shall be property of Railways and to be deposited in the railway godown unless specified otherwise in the Conditions of Contract.				
2	012011	In all conditions and classifications of soil except rock	cum	5000.00	106.59	532950.00
3	012012	Soft rock not requiring blasting	cum	500.00	252.66	126330.00
		Turfing / planting, including all lead & lift and watering as required until properly rooted with. Note: Initially payment of only 40% will be made. Balance 60% will be paid after 3 months of maintenance period, only if the turfing is properly rooted on entire turfed area.				
4	013021	Turfing with sods, 10cm thick and 20cm square closely laid.	100 Sqm	2000.00	5460.99	109219.80

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		Providing portable fencing along running track where work is to be done in close vicinity of track, maintaining during execution of work and removing after completion of the work as per direction of the Engineer. Fencing shall consist of self supporting steel angles of size 50mm x 50mm x 6mm, 1.5m long provided with hooks etc. and embedded in CC 1:2:4 block of size 0.23m x 0.23m x 0.23m placed at c/c distance of 2m along track. 12mm dia rods in three horizontal layers shall be tack welded with angle posts. Note : Released material will be property of the contractor after completion of work. Cost of cement required for CC blocks shall be paid separately.				
5	013041	With provision of one 50mm wide retro-reflective tape in horizontal direction, duly secured/tight with vertical posts.	Metre	100.00	215.48	21548.00
		Provision of barricading with contractor's bamboos / ballies vertical post of 100mm dia. planted at every 2m interval, projecting at least 1.5m above ground level and driven firmly (minimum 0.5m) inside ground and including painting verticals & horizontals with red luminous paints / strips at alternative bay on barricade. Barricades shall be maintained through out the execution of the work and shall be removed in workman like manner on completion of the work only after instruction of Engineer in-Charge. Note: (1) 60% payment shall be made on provision of barricading at work-site and balance 40% payment after removal of barricades. (2) The released bamboos / ballies shall be the property of the Contractor.				
6	013051	With 3 horizontal bamboo / balli members of minimum 50mm dia. spaced equally	RM	1500.00	127.48	191220.00
7	013060	Supplying, driving and erecting in all types of soils, hard wood pile 5m to 7m long without joint, 125mm average dia. for protection of bank slope including two coats of coal tar paint complete, as directed. Note: Payment will be made as per actual driven length of pile.	Metre	100.00	190.40	19040.00
8	013070	Driving rails 90R/52 Kg section below average ground level within the slope/toe of embankment including making of nose with contractor's own arrangement complete in all respect Note: Payment will be made as per actual driven length of rail which will be supplied free by Railways at the site of work.	Metre	700.00	108.07	75649.00
					Total	7411456.80
Schedule	Schedule B-Execution of all works as detailed in schedule					
Item- 2	Bridge Works-Substructure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		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.				

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1	022011	All kinds of soils	cum	700.00	205.63	143941.00
2	022014	Hard rock (blasting prohibited)	cum	50.00	1184.98	59249.00
		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	022031	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	675.00	2400.98	1620661.50
4	022034	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	cum	200.00	2527.54	505508.00
		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 for the following Reinforced cement concrete structural elements up to height of 9.0 m from foundation top level, 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.				
5	022052	Wing wall and Return wall	cum	100.00	2699.22	269922.00
6	024010	Providing and casting 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, (Cast in-Situ/Pre-cast) in bottom/top slab, side walls, toe wall and sumps haunch filling head walls, thrust bed or any other component using 20mm graded crushed stone aggregate and coarse sand of approved quality of RCC box of any size including finishing, Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability, complete as per drawings and technical specifications as directed by 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 at the stage of Mix Design and in that case deduction shall be made as per relevant item.	cum	370.00	2880.63	1065833.10
7	025020	Providing and applying two coats of coal tar or bitumen conforming to IS:3117- latest version on the top and sides of RCC box/slabs @ 1.70 kg/sqm after cleaning the surface with all labour and materials complete job as directed by the Engineer.	Sqm	600.00	171.20	102720.00
		Centering and shuttering including strutting, propping etc. and removal of form for :				

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8	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	1900.00	674.52	1281588.00
		Launching of precast RCC box segments for RUBs/Limited Height Subways (LHS) of any size and barrel length for single/double line as per approved drawings to the correct alignment and position in electrified / non-electrified sections safeguarding all utilities (S&T cable, power cable, OHE, pipelines etc.) including transportation of box segments from casting yard to site of launching, dismantling of the existing track, removing & stacking of ballast, cutting of formation and approach road below or above bed level, placing of base slabs & Box segments in position, backfilling after launching of precast box segment, ballasting & re-laying of track to correct alignment and geometry, packing and further maintenance till allowing non-stop 20 KMPH over the re-laid track, complete in all respect to the satisfaction of Engineer-in-charge. The rate is all inclusive except the cost of RCC Box Segments, Base Slabs and backfill material which shall either be supplied by railway or paid extra under relevant item. Note: Minimum equipment required during block shall be (i) Crawler mounted Hydraulic excavator of min 200 HP and bucket capacity 2.5 cum - 3 numbers and (ii) 3 cranes of adequate boom length suitable for launching box segments in position (min capacity of each crane - 200 MT for Single Line and 300 MT for Double Line) apart from other equipments, tools, plants and machinery required to complete the job within the allowed block period.				
9	031152	For Double Line	Each	1.00	1838420.95	1838420.95
					Total	6887843.55
Schedule	Schedule C-Execution of all works as detailed in schedule					
Item- 3	Bridge Works-Substructure					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing and fixing various size HTS holding down bolts conforming to relevant Codes/Specification in concrete column or in other structures with proper nuts, bolts, washers/plates, grouting of holes with cement or epoxy concrete with all material, labour, T&P as a complete job.				
1	041072	With epoxy concrete grouting.	Kg	200.00	130.47	26094.00
2	041370	Supplying fabricating and erecting welded and/or bolted and/or riveted steel work in built up sections, trusses and framed work, staging, racks, Height Gauge etc. for Steel Structures other than bridge girders, using RSJ, tees, angles and channels/flats, plates, gussets, round or square bars, cleats, bolts etc., with contractors own steel including cutting, bending, straightening, drilling, riveting, hoisting, fixing, erecting, welding, bolting etc., with Providing stiffeners wherever required as per approved drawing including applying a priming coat of a approved steel primer with all contractor's materials, labour, tools & plants, lead & lift including crossing of tracks if required etc., complete as per specification and as directed by Engineer-in-charge. Note: The payment shall be made on the theoretical weight of main components and gusset plates only.	MT	6.00	114366.59	686199.54
3	051030	Supplying of stone boulders weighing not less than 35 kg each at specified bridge locations.	cum	350.00	914.75	320162.50

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4	051070	Providing and laying Pitching with Stone Boulders, weighing not less than 35kg each with voids filled with cement sand mortar 1:4 on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical Specifications (filter media to be paid separately under the relevant item). Rate is excluding cost of cement which shall be paid extra under relevant item.	cum	80.00	2369.16	189532.80
5	052240	Supplying, spreading and filling coarse sand (no cohesive materials to be used) of approved quality including watering and ramming in foundation, behind the abutment, wing wall, retaining wall in layers not exceeding 150mm thick including its compaction as per direction of Engineer-in-charge. The rate includes all lead, lift, ascent, descent, crossing of Railway line etc. complete with contractor's labour, materials, tools and plant.	cum	50.00	1113.65	55682.50
6	052250	Providing Boulder Backing behind wing wall, return wall, retaining wall with hand packed boulders & cobbles with smaller size boulders toward the back including all lead, lift, labour & other incidental charges as complete work in all respect. Payment for boulder/cobbles will be done extra.	cum	350.00	387.52	135632.00
7	211220	Supplying and filling 50 kg size empty cement polythene bags with Rly. Ballast/moorum/earth/Sand/quarry dust etc. placing the filled bags on the high banks /bridge approaches/nominated place etc. dumping and spreading at the nominated locations to profile under block period with all contractor's labour, tools, plants, loading, unloading, filling, spreading including all lead/lift etc. complete and as directed by the Engineer in charge at site including crossing of track where necessary.	Each	1000.00	11.26	11260.00
					Total	1424563.34
Schedule	Schedule D-Execution of all works as detailed in schedule					
Item- 4	Foot Over Bridge					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supplying, fabrication, assembling of all types of steel girders of specified spans with structural steel conforming to Quality "B0" Grade Designation E250 conforming to IS:2062, erection / slewing / end launching of steel girders with cranes or any other approved launching methods as per site conditions (not requiring traffic block) on sub-structure including provision of trolley refuges etc., complete as per approved QAP and drawings conforming to IRS-B1-2001 and other relevant codes and specifications. Note: 1. Detailed fabrication and erection drawings & launching methodology will be prepared by the contractor and got approved from Railway. 2. The rate is all inclusive including launching in position, complete in all respect except cost of (i) Painting / Metalising; (ii) Bearings & (iii) HSFG bolts which shall be paid extra under relevant item. 3. The payment shall be made on the theoretical weight of main components and gusset plates only. 4. Payment Schedule: (i) Receipt of material at site: 40% (ii) Fabrication of girders: 20% (iii) Erection/Launching: 20% (iv) Completion in all respects: 20%				
1	041011	Plate Girder/Semi Through Girder/Composite Girder (Steel Work)	MT	100.00	127282.14	12728214.00

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		Metallizing of steel work of girders with sprayed aluminium after surface preparation by Sand/grit blasting, followed by one coat of etch primer (IS:5666) & one coat of Zinc Chrome primer (IS:104) and two coats of aluminium paint (IS:2339) with all labour, T&P and material as a complete job duly conforming to all relevant specifications and process given under Clause 39 of IRS-B1-2001. Note: Nominal Thickness of sprayed Aluminium coating shall be 150 microns. DFT of Zinc chrome primer shall be 25-30 microns and DFT of each coat of Aluminium paint shall be 12-14 microns.				
2	041041	On new girder during fabrication	Sqm	1700.00	749.25	1273725.00
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	100.00	8871.72	887172.00
					Total	14889111.00
Schedule	Schedule E-Execution of all works as detailed in schedule					
Item- 5	Structural Steel Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	10.0	STEEL WORK				
1	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	1500	93.05	139575
2	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	1000	111.95	111950
	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.				
3	10.16.3	Electric resistance or induction butt welded tubes	Kg	4500	140.85	633825
4	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	Kg	100	88.5	8850
	12.0	ROOFING				
	12.40	Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately):				
	12.41	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.				
5	12.41.2	110 mm diameter	Metre	100	319.75	31975
	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.5	Bend 87.5 degrees				

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Tender No: 4441-GRC-CE-C-II-03-2024

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6	12.42.5.2	110 mm bend	Each	10	132	1320
	12.42.6	Shoe (Plain)				
7	12.42.6.2	110 mm Shoe	Each	10	115.95	1159.5
8	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness 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	1500	671.55	1007325
	12.51	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, 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 :				
9	12.51.1	Ridges plain (500 - 600mm)	Metre	100	450.6	45060
					Total	1981039.50
Schedule	Schedule F-Execution of all works as detailed in schedule					
Item- 6	Road Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	16.0	ROAD WORK				
	16.1S	ROADS				
1	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.	Sqm	2500	180.5	451250
	16.3	Supplying and stacking at site.				
2	16.3.10	Moorum	cum	300	888.3	266490
3	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	900	865.8	779220
	16.42S	CONCRETE PAVEMENTS				

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	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 & 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 & 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).				
4	16.43.1	Cement concrete prepared with batch mixing machine	cum	600	9492.9	5695740
					Total	7192700.00
Schedule	Schedule G-Execution of all works as detailed in schedule					
Item- 7	Supply of Portland Slag Cement					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of Portland slag cement from reputed manufacturer conforming to: IS 455 with latest correction slips, including all handling, loading, unloading, lead, lift, descent, ascent, transportation storage at site etc. complete.	MT	1200.00	8074.74	9689688.00
					Total	9689688.00
Schedule	Schedule H-Execution of all works as detailed in schedule					
Item- 8	Supply of Reinforcement					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supply of steel reinforcement of approved brands/makes for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
1	025082	Thermo-Mechanically Treated bars of grade Fe-500D or more of approved brands/makes.	Kg	140000.00	97.13	13598200.00
					Total	13598200.00
Schedule	Schedule I-Execution of all works as detailed in schedule					
Item- 9	P.Way Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Cutting / cropping of rail of 60Kg - 90 UTS, manually and perfectly vertical with contractor's labour, hacksaw blade and tools & plants - Note: 1.Manual cutting should be used only in emergencies with prior permission of sectional ADEN where machine cutting can not be arranged in time. 2. Cutting of Rails with blade and forcing to part by using other means to break the rails is prohibited. 3.Rails should be cut right through hacksaw blades only.				
1	064031	On Cess	Each	400.00	309.38	123752.00
2	064032	In-situ situation	Each	400.00	464.49	185796.00
		Drilling of hole of different diameter and chamfering, in rail of any section and any UTS manually only in emergencies with contractor's labours, tools & plants, consumables etc.				
3	064041	Hole of dia. 26.5mm and above	Each	400.00	280.48	112192.00
		Gas cutting of rail of various sections with contractor's tools & plants, as directed by engineer in-charge :				

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4	064052	Rail section of 52Kg and above	Each	100.00	150.60	15060.00
		Assembling and Laying of Improved Switch Expansion Joint (SEJ) on PSC sleepers of any rail section as per RDSO drawing including leading of SEJ rails, sleepers, fittings for a free lead of 250 metres, cutting of rails, drilling of holes as required and lubrication of SEJ, gauging, aligning rails, providing temporary connection with adequate welding gap with adjoining rails, providing reference posts at SEJ, first through packing of SEJ portion to make track geometry fit for 30 kmph speed and making ballast profile as per IRPWM. Note: (1) Rail cutting and hole drilling shall be paid separately.(2) One set comprise complete SEJ on both rails at SEJ.				
5	065031	Under Conditions not requiring Traffic Block	Set	6.00	6671.37	40028.22
6	065032	Under Traffic Block Conditions	Set	16.00	7338.50	117416.00
		Under Traffic Block: Dismantling of existing BG turnouts, diamond crossings and derailing switches with all types of rails and sleeper layout, removing rails, switches, crossings, sleepers & fastenings, leveling of ballast to correct profile & stacking all the released materials, sleepers, fastenings, rails, switches & crossings including segregating & stacking at specified locations in a neat and countable manner, within the lead of 250m & all lift, clear of infringements, crossing of track, if any complete, as directed. Note: 1. This item shall be operated only when existing turnout is replaced either with new turnout in case of TTR or with plain track when existing turnout is no more required at that location. 2. Rail cutting will be paid extra under relevant item. 3. Laying of new turnout or plain track on prepared ballast bed, as required, shall be paid separately under relevant item.				
7	071011	1 in 8½ Turnout (Under Traffic Block)	Set	9.00	30959.52	278635.68
8	071012	1 in 12 Turnout (Under Traffic Block)	Set	9.00	35521.80	319696.20
9	071015	Diamond Crossing (Under Traffic Block)	Set	5.00	47714.86	238574.30
		Assembling complete BG Turnout on staging, clear of infringements, to correct gauge and alignment as per standard drawings with all types of rail sections over PSC sleepers at specified locations, duly leading rails, special sleepers, switches, crossings with a maximum lead of 500m, all lift & crossing of track as required and testing points with S&T staff for throw of switch etc. at station yard after levelling surface complete including lubrication of all fastenings, complete in all respect. Note: 1.Rail cutting and Drilling shall be paid separately 2. Required P.Way fittings/fastenings shall be supplied at the SSE/P.Way stores.				
10	072011	1 in 8½ Turnout	Set	2.00	38935.18	77870.36
11	072012	1 in 12 Turnout	Set	34.00	43785.11	1488693.74
		Assembling all types of Switches on staging, clear of infringements, to correct gauge and alignment as per standard drawings with all types of rail sections over PSC sleepers at specified locations, duly leading rails, special sleepers, switches with a maximum lead of 500m, all lift & crossing of track as required including cutting, drilling, fixing of all components, fittings etc. with housing of tongue rails as per requirement of signaling including lubrication of fittings/fastenings, complete in all respect. Note: Required P.Way fittings shall be supplied at SSE/P.Way stores.				
12	072021	1 in 8½ Turnouts	Set	2.00	18076.87	36153.74
13	072022	1 in 12 Turnouts	Set	2.00	20846.35	41692.70

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		Laying and linking of turnouts of all types including diamond crossings & Derailing switches with 52Kg / 60Kg rail section on PSC sleepers on prepared ballast bed for New lines or during total closure of section at indicated location as per standard drawing, duly leading sleepers, rails, switches, crossings, fastenings including rail cutting, drilling, fixing of all components, fittings with housing of tongue rails as per requirement of signaling, preparing ballast bed, filling and spreading of ballast as required, linking of turnout with track, attending track parameters including lifting, providing one round of packing to make track fit for 20 kmph speed including lubrication of fittings/fastenings, complete as directed by Engineer in-charge.				
14	072041	1 in 8½ Turnouts	Set	1.00	43746.23	43746.23
15	072042	1 in 12 Turnouts	Set	5.00	51034.51	255172.55
		Assembling on temporary staging and insertion of all types of switches including TWS on prepared ballast bed during traffic block, manually or by contractor's cranes, at specified location with 52Kg / 60Kg rail section on PSC sleepers with Railways rails/sleepers available within 250m as per standard drawing, duly leading sleepers, rails, switches, fastenings etc. including rail cutting, drilling, fixing of all components, fittings etc. with housing of tongue rails as per requirement of signaling etc. including preparation for operation of traffic block, including crossing of track, filling and spreading of ballast in crib and shoulder as required, linking with existing track, attending track parameters including lifting, providing one round of packing to make track fit for 20 kmph speed lubrication of fittings/fastenings, complete as directed by Engineer in-charge. Note: Required P.Way fittings shall be supplied at the SSE/P.Way stores.				
16	072061	1 in 8½ Turnouts	Set	2.00	18170.07	36340.14
17	072062	1 in 12 Turnouts	Set	2.00	23964.90	47929.80
		Unloading of ballast from Railway's Hopper Wagons, quantity distribution as per pre-defined site requirement, clearing infringements/jammed ballast, distributing the unloaded ballast uniformly over the track, profiling and boxing following all prescribed safety norms.				
18	084041	Under Traffic Block Conditions:	cum	2500.00	52.67	131675.00
19	121010	Dismantling of existing LWR/SWR track of any structure, removing rails, sleepers, fish plates, cutting of rails, segregation and stacking of released Rails, Sleepers and fitting at nominated location in countable manner within a free lead of 500m, levelling of ballast to correct profile for laying new track over it, all as per direction of Engineer-in-Charge.	TRM	3500.00	189.06	661710.00
		Shifting & pairing of rails / panels unloaded alongside existing running track to adjoining formation of a new line including crossing of one track, duly lifting & pushing rail / panel without damaging it and taking all necessary precautions, so as not to infringe the running track, as directed by Engineer in-charge. Note: The rail barricading, if disturbed during working, should be restored to its original condition by the agency including re-fixing & concreting as required.				
20	122016	For rails/panels of more than 40m length - Under Conditions not requiring Traffic Block	RM	300.00	30.71	9213.00

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21	123030	Spreading of ballast, from existing stacks available along formation on top or at cess, in required uniform thickness, compaction of ballast layer laid on new formation at all the locations with smooth wheeled power roller of 8-10 tonne capacity to sufficient number of passes to form consolidated ballast bed of approximately 250mm thickness to a width of 4m symmetrical to centre line of proposed track in correct line & level with all ascents & descents, as directed by Engineer in-charge. Note: Item is inclusive of (a) providing ramp for taking roller to formation and removing the same & making good formation after completion of work; (b) redistribution & leveling of excess ballast while rolling to obtain uniform plane cambered surface.	cum	30000.00	43.18	1295400.00
		Linking of BG track (except at LC, Bridges and SEJs) with any type of rail section and sleeper of specified density, on ballast bed spread and compacted with suitable roller, over prepared formation including leading free rails/welded panels available along the alignment on to formation, leading and spreading all fittings and fastenings, spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item.				
22	123041	For sleeper density of 1660 sleepers per km	TRM	7000.00	279.30	1955100.00
		Shifting / Slewing the existing or newly assembled track of any rail section with any type of sleepers and any density under line block to correct locations & alignment and attending to one round kutcha packing to run safely at 20KMPH speed with all contractors tools and consumables complete and as directed by Engineer in-charge.				
23	123092	Maximum Shifting / Slewing for more than 1 metre & up to 2 metres	TRM	650.00	249.07	161895.50
		De-stressing of LWR/CWR track of any density under traffic line block with contractor's labours, tools, equipments and consumables inclusive of all lead & lift. Activities include cutting of LWR/CWR into convenient panels of specified length, removal of ERCs, liners, greasing of ERCs and liner contact area, lifting rails and keeping them on rollers provided at every 15 sleepers, working out elongation of rail ends depending on prevailing site conditions, pulling rails with the help of Hydraulic Tensor to achieve the desired elongation, cutting rails, as required, removing rollers and placing rail in position, re-fixing ERCs & liners and adjustment of gap at SEJs : Note: (1) Welding of rail joints will be paid separately. (2) Rail cutting and Hole drilling shall be paid separately. (3) Opening and closing of LC if required will be paid separately. (4) As per procedure prescribed in latest edition of IRPWM & CE's Circulars for destressing of LWR/CWR, if any.				
24	135012	With Contractor's Hydraulic Rail tensor	TRM	2000.00	38.27	76540.00

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		Maintenance of track on main line & loops, Points & crossings etc. including special attention to section for carrying out various maintenance works listed in Indian Railways P.Way Manual / Bridge Manual for safe running of goods and passenger trains with contractor's tools / labours etc. complete, as directed by Engineer in-charge. Note: Contractor shall arrange one gang at any point of time comprising of minimum specified labours with sufficient experience in P.Way working.				
25	136041	One mobile Gang comprising of 15 physically fit labours plus 1 Mate. Note: (1) In case, contractor provides less no. of Labour/Mate or for non availability of vehicle, payment will be deducted for each such person or non-availability of vehicle @ 20% of the accepted item rate, separately for each shortfall. (2) The Contractor shall keep one pick up Truck of minimum 1.5T payload capacity with Driver all the time and all expenditures for running at an average of 80 kms per day shall be born by the Contractor.	Gang Day	60.00	14064.41	843864.60
		Anti-corrosive painting of rail outside track on rail bottom, web, foot and fishing plane with two coats of thickness of 100 microns each by bituminous black paint confirms to IS-9862 of reputed make including surface preparation, as a complete job as per procedure prescribed in latest edition of IRPWM.				
26	137011	For 60 Kg Rails	RM	20000.00	62.95	1259000.00
		Carrying out pre-tamping, during tamping and post-tamping works for tamping of Turnouts of all types Under Traffic Block Conditions which include :(1) Re-adjustment of ballast, heaping-up of ballast, filling-up of cavities in tamping zone by picking ballast from stacks / shoulders / crib of adjoining track up to lead of 50 m to ensure effective packing; (2) Clearing of ballast on sleepers to make them visible to operator; (3) Clearing of ballast over rail foot to facilitate holding of rail by rollers of UNIMAT; (4) Digging, screening and replenishment of ballast at mud pumping / rounded ballast in sleeper crib location; (5) Tightening of loose fittings including check rails immediately before & after tamping; (6) Replacement of broken / missing fittings supplied by Railway; (7) Correcting displaced sleepers to position along with squaring; (8) Re-setting worked-out / fallen fittings; (9) Removing and re-fixing joggled fish plates & wooden blocks, OHE bonds & other obstructions, wherever necessary ;(10) Removing and re-fixing stretcher bar, as directed; (11) Adjustment in opening and housing of switch for testing operation of points (12)Manual consolidation of ballast in cribs and shoulders; (13) Stages of payment a) 30% of the rate will be paid on completion of pre tamping attention, b) Balance 70% of the rate will be paid on completion of post tamping; (14) Recovery at the rate of twice the applicable rate will be effected in case contractor fails to carry out any of the pre/during/post operation.				
27	156011	1 in 8½ Turnouts (Under Traffic Block Conditions)	Set	2.00	9359.98	18719.96
28	156012	1 in 12 Turnouts (Under Traffic Block Conditions)	Set	39.00	10890.55	424731.45
29	156015	Derailing Switch (Under Traffic Block Conditions)	Set	5.00	3446.18	17230.90

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		Unloading of all type of rails of length 130 metre and beyond from end unloading rake and keep the panels in head-up position at specified distance from centre of track clear from any infringement.. Note: Contractor has to keep Oxygen and Acetylene gas with cutter as standby during the period of work.				
30	171071	During period of traffic block	MT	1300.00	29.59	38467.00
		Collection, segregation and stacking of various scattered P.Way materials at nominated stacking location with serviceable and un-serviceable ones separately within a lead up to 500 metre and lift up to 5 metre including crossing of track(s) wherever necessary as directed by Engineer-in-Charge.				
31	173031	Rails, switches, crossings, SEJ, Glued Joints, Check Rails etc.	MT	800.00	381.86	305488.00
32	173032	All type of PSC sleepers	MT	3000.00	416.98	1250940.00
33	173033	P.Way fittings of all types and other similar loose items	MT	50.00	387.38	19369.00
		Manufacturing, fabricating and supplying retro-reflective Engineering Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x25mm x 3mm provided all along the edges of board with theft resistant measures back side of board shall be with non-peelable weatherproof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed.				
34	202021	Caution Indicator Board of size 1400mmx400mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long	Each	7.00	6298.57	44089.99
35	202022	Speed Indicator Board of equilateral triangular shape having each side of 1000mm with back support frame fixed to vertical post of MS angle of size 50mmx50mmx6mm of 3650 mm long	Each	7.00	5420.97	37946.79
36	202024	Termination Indicator Board of Circular shape having diameter of 1000mm with back support frame welded to vertical post of MS angle of size 50mmx50mmx6mm of 3950 mm long	Each	14.00	7699.44	107792.16
37	202030	Manufacturing, supplying and fixing Curve Indicator / Point Indicator / SEJ Boards to be provided at various locations on formation, made out of MS sheet 2mm thick of size 450mm x 300mm duly fixed with MS frame of 25mm x 25mm x 3mm angle welded to 50mm x 50mm x 3mm MS angle, 1000mm long post split and bent 100mm at bottom end with all lead & lift as per specification and including painting of details with enamel paint, as directed by Engineer in-charge (Earthwork & concreting will be paid separately)	Each	80.00	1061.27	84901.60

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38	211260	Manufacture and supply of Precast Kilometer Posts of size 1.15 x 0.50 x 0.075 m in RCC 1:2:4 mix, engraving letters and leading to work spot, fixing in position with CC 1:3:6 concrete duly making pits of size as required, painting the post, writing the letters on both sides of the post with 2 coats of enamel paint of approved quality to the Railways drawings/IRPWM with contractor's materials, cement, steel, labour, tools, plant, with all lead and lifts etc., complete as per specifications and as directed by the Engineer-in-charge. Note: Excavation, Concrete and steel work will be paid under relevant items.	Each	2.00	368.00	736.00
39	211270	Manufacture and supply of Precast gradient Posts of size 1.65 x 0.60 x 0.075 m in RCC 1:2:4 mix, engraving letters and leading to work spot, fixing in position with CC 1:3:6 concrete duly making pits of size as required, painting the post, writing the letters on both sides of posts in 2 coats with enamel paint of approved quality to the Railways drawings/IRPWM with contractor's materials, cement, steel, labour, tools, plant, with all lead and lifts etc., complete as per specifications and as directed by the Engineer-in-charge. Note: Excavation, Concrete and steel work will be paid under relevant items.	Each	10.00	491.09	4910.90
					Total	12208471.51
Schedule	Schedule J-Execution of all works as detailed in schedule					
Item- 10	Welding Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		25mm gap 'in-situ' welding during traffic block and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with all required labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including marking of welded joint, painting weld collar with anticorrosive paint, restoration of track near weld joint to original position and fixing of joggled fish plate at new weld, to be removed after passing of weld in USFD test as directed by Engineer in charge. Note: 1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (ZIRCON WASHED) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol/LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing. 3. Only required nos. of Joggled fish plates shall be supplied by Railway at nearest P. Way Stores and the same shall be returned at nearest P. Way Store or at other location as per direction of Engineer-in-Charge after release from track. All other items required shall be supplied by the Contractor.				
1	092012	For 60 Kg/60EI - R260 grade Rail	Each	400.00	4331.92	1732768.00

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		25mm gap Cess Welding and finishing of weld to meet the prescribed tolerances and pass all stipulated tests with Contractor's labour, materials, consumables, tools, equipments etc. to complete the work in all respect as per IR's "Manual for Fusion Welding of Rails by Alumino - Thermic Process" with latest correction slips, including all required handling and rehandling of rails, marking of welded joint, painting weld collar with anticorrosive paint, as directed by Engineer in charge. Note: 1. Welding shall be carried out only by trained welder having valid competency certificate using RDSO approved Alumino Thermit Welding Portions, 3 piece prefabricated mould (Zircon washed) manually pressed, Single shot crucible fitted with auto tapping thimble and Compressed Air Petrol/LPG preheating technique as per RDSO Specification No IRST/19-2020 with latest amendment. 2. Hydraulic Weld trimmer shall be used for chipping and profile Grinder for finishing.				
2	092042	For 60 Kg/60EI - R260 grade Rail	Each	400.00	3251.63	1300652.00
					Total	3033420.00
Schedule	Schedule K-Execution of all works as detailed in schedule					
Item- 11	Carriage of Material					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Loading, leading and unloading of all types of P.Way fittings and all other miscellaneous material except Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: Lead shall be the shortest motorable road length between the points of loading and unloading.				
1	172041	Lead up to 5 Km	MT	50.00	168.25	8412.50
2	172042	Lead beyond 5 Km and up to 10 km	MT	50.00	210.86	10543.00
3	172043	Lead beyond 10 Km and up to 20 km	MT	50.00	269.08	13454.00
4	172044	Lead beyond 20 Km and up to 30 km	MT	50.00	340.26	17013.00
5	172045	Lead beyond 30 Km and up to 50 km	MT	50.00	439.46	21973.00
6	172046	Lead beyond 50 Km and up to 100 Km	MT	50.00	656.22	32811.00
7	172047	Lead beyond 100 Km and up to 150 Km	MT	50.00	980.11	49005.50
8	172048	Extra for every Km per MT beyond 150 Km over item no. 172047	MT-Km	2500.00	3.30	8250.00
		Transportation of Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: 1. Lead shall be the shortest motorable road length between the points of loading and unloading. 2. Loading and unloading shall be paid extra under relevant items.				
9	172051	Lead up to 5 Km	MT	6900.00	53.41	368529.00
10	172052	Lead beyond 5 Km and up to 10 km	MT	6900.00	96.02	662538.00
11	172053	Lead beyond 10 Km and up to 20 km	MT	6900.00	154.24	1064256.00
12	172054	Lead beyond 20 Km and up to 30 km	MT	6900.00	225.42	1555398.00
13	172055	Lead beyond 30 Km and up to 50 km	MT	6900.00	324.62	2239878.00
14	172056	Lead beyond 50 Km and up to 100 Km	MT	400.00	541.38	216552.00
15	172057	Lead beyond 100 Km and up to 150 Km	MT	400.00	865.27	346108.00
16	172058	Extra for every Km per MT beyond 150 Km over item no. 172057	MT-Km	20000.00	3.30	66000.00
					Total	6680721.00
Schedule	Schedule L-Execution of all works as detailed in schedule					
Item- 12	Platform and Drain Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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	2.0	EARTH WORK				
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1	2.8.1	All kinds of soil.	cum	600	286.85	172110
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	600	253.95	152370
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	50	2161.2	108060
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4	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	600	6833.4	4100040
	4.5S	CEMENT CONCRETE PRECAST				
	4.5	Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc., including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete.				
5	4.5.1	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources: 3 graded stone aggregate 20mm nominal size derived from natural sources)	cum	220	9277.75	2041105
	4.6	Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering, shuttering complete.				
6	4.6.1	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	300	8130.65	2439195
	5.0	REINFORCED CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
7	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	2500	307.95	769875
	5.33S	DESIGN MIX CONCRETE				

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	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
	5.33.1	All works upto plinth level				
8	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	200	8683.8	1736760
	5.33.2	All works above plinth level upto floor V level				
9	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	50	10306.2	515310
	6.0	MASONRY WORK				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
10	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	50	6658.25	332912.5
	6.26S	EXPOSED BRICK WALL				
	6.34	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in :				
11	6.34.2	Cement mortar 1:6 (1 cement : 6 Coarse sand)	cum	150	7676.3	1151445
					Total	13519182.50
Schedule	Schedule M-Execution of all works as detailed in schedule					
Item- 13	Flooring Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	9.0	WOOD AND P.V.C. WORK				
	9.40S	MISCELLANEOUS-WOOD WORK				
	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
1	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	100	197.7	19770
	9.105S	GYPSUM BOARD PARTITIONS				
	9.117	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance +/-1 mm), with wall thickness 2.0 mm (+/- 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (+/- 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer- in-charge				

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2	9.117.2	Extruded section profile size 42x50 mm	Metre	25	280.7	7017.5
	9.118	Providing and fixing to existing door frames.				
3	9.118.1	24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (+/- 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (+/- 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (+/- 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (+/- 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	Sqm	70	1790.65	125345.5
	11.0	FLOORING				
	11.16S	TILE FLOORING				
	11.20	Chequerred 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).				
4	11.20.3	Dark shade pigment using ordinary cement	Sqm	1000	983.95	983950
	11.26S	KOTA STONE FLOORING				
5	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	480	2038.55	978504
	11.37S	CERAMIC GLAZED TILES				
6	11.40	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete.	Sqm	150	1225.1	183765
	11.41S	VITRIFIED FLOOR TILES				
	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.				

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7	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	Sqm	300	3908.8	1172640
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
8	16.90	Providing and laying tactile tile (for vision impaired persons as per standards) of size 300x300x9.8mm having with water absorption less than 0.5% and conforming to IS:15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	Sqm	200	1719	343800
					Total	3814792.00
Schedule	Schedule N-Execution of all works as detailed in schedule					
Item- 14	Pipe Line Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	5.0	REINFORCED CEMENT CONCRETE				
	5.12S	PRE-CAST RCC				
1	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	35	9673.5	338572.5
	17.0	SANITARY INSTALLATIONS				
	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
2	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	2	5781.35	11562.7
	17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
3	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	1	5540.55	5540.55
	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 :				
4	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	2	5268.85	10537.7
	18.0	WATER SUPPLY				
	18.4S	PP-R PIPES				

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	18.6	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. -External work				
5	18.6.1	PN - 16 Pipe, 20mm OD (SDR-7.4)	Metre	100	213.9	21390
6	18.6.2	PN - 16 Pipe, 25 mm OD (SDR-7.4)	Metre	700	268.2	187740
					Total	575343.45
Schedule	Schedule O-Execution of all works as detailed in schedule					
Item- 15	Dismantling Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	15.0	DISMANTLING AND DEMOLISHING				
	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
1	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	200	2007.1	401420
2	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	50	2928.1	146405
3	15.6	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	Kg	200	7.45	1490
	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.				
4	15.7.4	In cement mortar	cum	100	1698.45	169845
	15.10	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :				
5	15.10.2	In cement mortar	cum	50	2372.3	118615
	15.14	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :				
6	15.14.1	Of sectional area 40 square centimetres and above	cum	150	3674.5	551175
7	15.14.2	Of sectional area below 40 square centimetres	Metre	50	14.7	735
					Total	1389685.00
Schedule	Schedule P-Execution of all works as detailed in schedule					
Item- 16	Finishing Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
1	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	100	282	28200
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
2	13.2.2	1:6 (1 cement: 6 fine sand)	Sqm	150	324.3	48645
	13.16S	6MM CEMENT PLASTER				
3	13.18	Neat cement punning.	Sqm	20	67.8	1356
	13.25	Extra for plastering:				

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4	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	60	214.3	12858
	13.42	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
5	13.42.1	Two or more coats on new work	Sqm	60	92.75	5565
	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
6	13.43.1	Water thinnable cement primer	Sqm	60	64.45	3867
	13.44S	EXTERIOR FINISHING				
	13.44	Finishing walls with water proofing cement paint of required shade :				
7	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	60	97.6	5856
	13.50	Applying priming coat:				
8	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	Sqm	200	55.5	11100
	18.0	WATER SUPPLY				
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
9	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.	Litre	4000	9.7	38800
					Total	156247.00
Schedule	Schedule Q-Execution of all works as detailed in schedule					
Item- 17	P. Way Fittings Work					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	52 Kg Fish plate T-090(M).	Numbers	30.00	568.55	17056.50
2	2	60kg/52 Kg comb. Fish plate T-696- 699.	Set	5.00	4814.82	24074.10
3	3	60 Kg Fish plate (T-1896).	Numbers	100.00	1737.95	173795.00
4	4	Supplying GR sole plate for 60Kg 1 in 12 turnouts as per RDSO'S Drawings.	Set	39.00	26672.90	1040243.10
5	5	Supplying GR sole plate for 60Kg 1 in 8.5 turnouts as per RDSO'S Drawings.	Set	2.00	17356.77	34713.54
6	6	Supplying G.R. Sole plate for use with DS as per RDSO drawing.	Set	5.00	9366.81	46834.05
7	7	Supplying G.R. Sole plate for use with SEJs as per RDSO drg. No T-4159.	Each	264.00	212.70	56152.80
8	8	Manufacture & Supply of one metre long Fish Plate to RDSO Drg No. T- 5916, with latest alteration for Fish Plated joints for 60 Kg Rail with Fish bolts with nuts to RDSO Drg No T-1899. Specification: (i) for fish plate: IRS-T-1 with latest corrigendum. & (ii) for Fish bolts with nuts IRS-T-231 with latest corrigendum	Set	1350.00	5441.60	7346160.00
9	9	Manufacture & Supply of Joggled Fish Plate with necessary Clamps complete to RDSO Drg No. T- 5849, with latest alteration for weld fractures B.G. 60 Kg UIC Rails including Bolts & Nuts, Fish Plated joints for 60 KgRail with Fish bolts with nuts, Single coil spring washer & special washer.	Set	1600.00	3375.18	5400288.00
10	10	Supply of Plate Screw to RDSO Drg. No. T-3911, 3912, 3913, 4153 & 3915.	Each	7000.00	67.46	472220.00
11	11	Supply of Single coil spring washer to RDSO Drg. No. T-10773.	Each	15000.00	10.81	162150.00

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12	12	Supplying small fitting like screws, plate screws, fish bolts (size 140*25), bolts (size 160*25), packing pieces, MS plates, , point lever box with pull over rod etc. and any other small fitting from RDSO approved firms as desired by Engineer-in-charge.	Each	300.00	86.88	26064.00
13	13	Supplying approved quality PWI tool kit of Kelvin made or any other similar approved quality (Model no. TK-2) The PWI tool kit should have been designed and developed to conduct reliable measurement of different track parameters. The tool kit should be properly packed in brief case for easy carriage.	Each	1.00	17071.92	17071.92
14	14	Elastic Rail Clip 'J' Clip (T-4158).	Numbers	5500.00	67.72	372460.00
15	15	60 kg Fish bolts RDSO's Drawing no. T- 1899 with nut.	Each	300.00	77.27	23181.00
					Total	15212464.01
Schedule	Schedule R-Execution of all works as detailed in schedule					
Item- 18	P. Way Miscellaneous					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Installation of In-situ Glued Joint for 52/60 kg Rail as per RDSO drawing no. T-5361/T-5843 (6.5m. Long) conforming to the specifications as detailed in the "Manual for Glued insulated Rail Joint (Revised-1998)" with latest correction slip issued by Ministry of Railways, RDSO/Lucknow and in accordance with the process sheet of South Eastern Railway, with tsupply of all fittings and accessories, such as:- 1. Standard Fish Plate 950mm long as perRDSO's drawing. 2. HTS Bolts & Nuts 3. Purchased washers. 4. Insulating Brushes. 5. Insulating Channels. 6. 10mm thick End Post. 7. Araldite 8. Hardener 9.Glass cloth carrier with all materials & fixtures for cleaning and assembling excluding Rails. (Including fabrication of Glued Joint at site on running track under traffic block.)	Per Joint	20.00	18589.50	371790.00
2	2	Insertion of glued Rail joints at the required location as per direction of Engineer- in- Charge. The rate inclusive labour charge for handling the glued joint in depot, handling charge for testing of glued joint , loading, unloading of glued joints and transportation of the same from Railway store to work site replacement of glued joint if required, renewal and reinsertion of all types of fitting, cutting the Rails in the running track to make room for insertion of glued joint, transportation of released rail pieces to the nearest Rly's store, packing and aligning of the track to make it fit for traffic after insertion of glued joint. The glued will be supplied by the Rly at the nearby Railway depot free of cost. The contractor shall make the track fit for traffic after insertion of glued joint as per the Indian Railway slandered . The tenderer shall follow the safety rules laid down in the GCC-2019 of S.E.Railway during working. The rate also includes all taxes men and all material except the glued joint. Payment for welding will be paid separately.	Numbers	20.00	1161.11	23222.20
3	3	Labour charge for each round of 1st consolidation through packing of Pt.& Xing in running/non running track i.e. for attending track after laying in initial packing within suitable interval as per IRPWM or as directed by Engineer- in- charge at site (1) 1 in12 Turn out. Note- unit set means per set per round.	Set	39.00	13291.11	518353.29

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4	4	Labour charges for each round of 1st Consolidation through packing of Point & Crossing in running / non running track i.e. for attending track after laying in initial packing within suitable interval as per IRPWM or as directed by Engineer-in-charge at site. (ii) 1 in 8.5 turnout. Note: Here unit Set means per set per round.	Set	2.00	9262.75	18525.50
5	5	Labour charges for each round of 1st Consolidation through packing of Point & Crossing in running / non running track i.e. for attending track after laying in initial packing within suitable interval as per IRPWM or as directed by Engineer-in-charge at site. (iii) Derailing switch. Note: Here unit Set means per set per round.	Set	2.00	3266.08	6532.16
6	6	Labour charges for each round of 2nd to 4th Consolidation through packing of Point & Crossing in running / non running track i.e. for attending track after laying in initial packing within suitable interval as per IRPWM or as directed by Engineer-in-charge at site. (i) 1 in 12 turn out (3 rounds). Note: Here unit Set means per set per round.	Set	117.00	8493.61	993752.37
7	7	Labour charge for each round of 2nd to 4th consolidation through packing of Pt.& Xing in running/non running track i.e. for attending track after laying in initial packing within suitable interval as per IRPWM or as directed by Engineer- in- charge at site (II) 1 in8 1/2 Turn out(3 rounds). Note- unit set means per set per round.	Set	6.00	6422.91	38537.46
8	8	Labour charge for each round of 2nd to 4th consolidation through packing of Pt.& Xing in running/non running track i.e. for attending track after laying in initial packing within suitable interval as per IRPWM or as directed by Engineer- in- charge at site (III) Derailing Switch Turn out(3 rounds). Note- unit set means per set per round.	Set	6.00	2265.65	13593.90
9	9	Surface dressing/levelling the undulation on the formation formed due to the movement of the vehicle or otherwise ad rolling/ramming to prepare even surface on top of formation with proper slope on both sides of centre line of track before spreading of ballast as directed by the engineer - in- charge with all contractors labours tools and plant etc as required complete.	Sqm	314000.00	17.03	5347420.00
10	10	Fabrication and erecting of buffer stop as per drawing NoCE's 23772 with Railway's 90R/52 kg Rails fitting and woodwn sleeper to the assembly embedded in M - 1 0 CC will concrete will constructed with contractor's chip, cement sand etc. The rate includes cutting of Rails of required length, bending of rail as per Drg. Transportation of Rail sleepers, fitting etc. from any Railway store depot in division to work site, fixing of wooden sleeper, fish plate, nuts and bolts, cleat, white wash of concrete structure and painting of wood sleeper with special paint, earth work in foundation etc. including all taxes, levies, labour charges, GST all complete.	Numbers	5.00	68460.45	342302.25

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11	11	Laying of point and crossing assembly by dismantling the existing track including straight track pt. and Xing etc. at desired location of insertion in traffic block, if required with the help of contractor's labour and tools, stacking the dismantled component in countable manner at approved location within the same station yard including all lead, lift etc. complete as per the direction of Engineer- in-Charge or his authorised representative, assisting T-28 machine in carrying the assembled point and crossing layout nearly up to the place of insertion and laying the new Turnout consisting of packing up carrying, laying and aligning the assembled new point and crossing assembly and fixing in the position and lifting and regarding the approaches of Pt. and Xing (Rly. will provide T-28 machine, operator and fuel, etc without charge) For 1 in 12 or 1 in 8(1/2) Pt. & Xing	Set	36.00	29956.64	1078439.04
					Total	8752468.17
Schedule	Schedule S-Execution of all works as detailed in schedule					
Item- 19	Blanketing Material					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Providing and laying blanketing materials conforming to the guidelines & specification for design of formation for Heavy Axle Load Report No.-RDSO/2007/ GE 0014 of 2009 for 25T axle load and Specification No. RDSO/2018/GE:IRS-0004 (D) part-IV), Dt. 25.07.2019. in Layer of 250 mm in loose state using motor graders and compaction using vibratory compactor with top and side dressing to provide final formation as per design profile. Compaction shall be done with heavy duty power driven contractor's vibratory roller of minimum 10 tonnes capacity so as to achieve a dry density of 100% of the maximum dry density of blanketing materials. The blanket material should confirm to the dry density of 100%, enveloping curve, CBR value, los angles abrasion value, etc.by blending the material of aggregate 20mm, aggregate 10mm. quarry dust, sand, moorum confirm to the guideline and specification of design of formation for Heavy Axle Load Report No.-RDSO/2007/ GE0014 of 2009 for 25T axle load and Specification No. RDSO/2018/GE:IRS-0004 (D) part-IV), Dt. 25.07.2019. The blanketing materials are to be blended in pug mill/ mixing plant for which no separate payment will be made. Blending material should laid over well compacted sub grade confirm to GE-0014 & G: 0004(D), part(iv) specification. The proportion of blending material is to be adopted duly approved by the Engineer-in-charge after testing in approved laboratory. The rate also includes of all lead, lift, dressing of slopes, all labour, consumable materials, ascent, descent, loading/unloading, royalty, tools & plants, all taxes, all incidental charges, etc. complete as required. The thickness of the blanket layer 550 mm or will be as decided by the Engineer-in-charge depending on the site condition. Note: 1.The rate shall include testing of the blanketing materials, CBR test, Deformation modulus(Ev-2) test, los angles abrasion test, and other field tests as per latest RDSO guidelines. 2.Payment for mechanical compaction will be paid separately. 3.The quantity qualifying for payment under this item will be arrived at by cross sections. The net quantity of the blanket cross section shall be obtained bydeducting 5% shrinkage from gross quantity	cum	20000.00	1605.23	32104600.00

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2	2	<p>Mechanical compaction of earthwork in formation in bank in layers not exceeding 300 mm in case of fill material and 250 mm in case of subgrade & blanketing material in loose state including watering, drying and compacting with Contractor's vibratory roller of minimum 10Ton capacity so as to achieve the required moisture content and dry density at least equal to 98% of the maximum dry density for item no.1 & 2& and 100% in item no.3 of of this schedule and in case of sand 70% of relative density as per IS:2720 (Pt.VIII)-1983 and dressing the same to standard profile as directed by the Engineer or his representative. The Earth work shall be done as per the guideline and specification of design of formation for Heavy Axle Load Report No.-RDSO/2007/ GE0014 of 2009 for 25T axleload and Specification No. RDSO/2018/GE:IRS-0004 (D) part-IV), Dt. 25.07.2019. Sites which are inaccessible to normal compacting equipment shall be compacted with the help of Contractor's mechanical tampers of approved type in layers not exceeding 100 mm. Notes: - (a) Quantity payable shall be same as in item no 1,& 3. (b) The minimum number of passes of the roller shall be 8 or more depending upon field trials (as per IS: 10379- 1982) main criterion being to compact upto a dry density equal to or more than 98% of the maximum dry density of the fill material & 100% of MDD in case of blanketing material referred to in the description of the item. (c) Each layer shall be continued to be rolled till the required dry density is achieved uniformly throughout the layer. (d) Rollers shall not be allowed near to any concrete surface closer than 1500 m . And the entire fill in this space shall be mechanically tamped. Final rolling of the top most layers shall be done with a smooth wheel tyre roller. . (e) Filling behind minor bridges and culverts shall be done simultaneously from both sides. (f) In back filling over structures, material shall be deposited in layers of 100 mm. thickness, sloping away from the structure with each layer carefully tamped. (g) Where the moisture content of the earth in any layer is above optimum moisture content, the same shall be left for drying for suitable period to bring down the moisture content very near to optimum moisture content before rolling is commenced. If the soil is dry, water shall be sprinkled over the spread layer, as convenient in order to attain moisture content near to optimum moisture content before rolling is commenced. (h) Each layer shall be compacted to the desired density over it's entire width before commencing the compaction of next layer. (i) While compacting, it shall be ensured that there is a minimum overlap of 200 mm. (8") between successive runs of the roller. (j) The dry density of each layer of compacted soil shall be ascertained by taking soil samples collected from either side of the center line across the track with a few taken at random near the edges as per IS:2720(Pt.XXVIII and XXIX)-1974, 1975 respectively. a minimum of three samples shall be taken between any two chainages. (k) No additional payment shall be made for making well the deficiencies due to natural sinking or subsidence of original ground due to movement of heavy equipment and the Contractor shall have to make good all the deficiencies. (l) Water required for work will be arranged by the Contractor at his own cost. (m) The roller to be used shall be got approved by the Engineer-in-charge before use.</p>	cum	20000.00	16.31	326200.00
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3	3	Supplying , providing, laying & fixing 5mm thick concrete canvas (flexible concrete impregnated fabric that hardness when hydrated to form thin, durable water proof and fire resistance concrete layer within 24 hrs). For protection of slope of embankment and construction of drain etc. complete in all respect and as per Engineer- in-charge at site.	Sqm	10.00	3924.77	39247.70
4	4	Hiring of Skilled staff for assistance to field officers/supervisor for field measurement/Data entry/Handling of survey equipment/ Printing of drawing and other related works as per instruction of Engineer-in-charge.	Man-Days	150.00	799.25	119887.50
5	5	Supplying, fabrication & fixing in position BRC protection screen with M.S. angle, XPM Net, Nuts, bolts and clamps etc of approved design with all labour materials tools and plants , lead, loading, complete with two coat of aluminium paints with approved quality as per specification and as directed by Engineer-in-charge.	Kg	2700.00	151.05	407835.00
6	6	Supplying, erecting and fixing precast concrete reinforced bench with back rest. Bench shall consist of 2 nos. L shaped base support in natural cement colour of thickness 100 mm, back height 1000 mm, front height 450 mm, base width 620 mm and 5 nos. reinforced concrete planks in red colour and size of 1500 x 100 x 50mm and 1 no. reinforced concrete plank of 150 x 200 x 50mm; manufactured by using M-30 grade concrete & reinforced suitably; all parts to be joined with galvanised nuts and bolts of suitable size. All bolts to be sealed after assembly. Complete job to be done as per directions of Engineer Incharge	Each	30.00	13561.47	406844.10
					Total	33404614.30

Schedule Schedule T-Execution of all works as detailed in schedule

Item- 20 Supply of Ballast

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of 50mm nominal size machine crushed hard variety stone ballast confirming to latest RDSO'S Specification from outside the Railway land as per condition enclosed and stacking the same at specified location that is on Cess/toe/bank in station yard, point and crossing zones, turn incurve etc as per requirement and as directed by Engineer In charge at site. The rate is inclusive of loading, unloading, transportation, stacking with all labours, lead, lift, decent, ascent, crossing of Railway lines, levelling of ground, machineries, equipment, Royalty, GST and any other charges incidental charges etc. NOTE:(1) The tenderer must submit the test report of ballast along with the tender offer in respect of the following physical properties tested in accordance with IS:2386 (i) Aggregate abrasion value(ii)Aggregate Impact value (iii)Water absorption value (2) The test report should be from any of the following Government approved laboratories only IIT/Kharagpur, NIT/Durgapur, Jadavpur University/Kolkata, REC/Rourkela, NTH/Alipur/Kolkata, Railway's Laboratory at Kharagpur.	cum	30000.00	2451.72	73551600.00
					Total	73551600.00

Schedule Schedule U-Execution of all works as detailed in schedule

Item- 21 Soil Test

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
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1	1	Conducting CBR test on the ground and on the top of layer as decided by the Engineer- in-Charge by suitable method and submission of test reports. The work to be done under the supervision of Railway Officials. The work to be executed by means of dynamic cone penetration method as per ASTM D 6591: 09 and IRC /37/0212. The rate is including all taxes GST, royalty, lead, lift, descent, ascent, road taxes etc. The reports shall be submitted in duplicate.	Each Test	2.00	2694.18	5388.36
2	2	Conducting INSITU measurements of deformation modulus (EV2) of the natural ground, compacted layer of embankment, over blanket layer etc. as per the direction of Engineer in charge. The test shall be done as per code specified. The rate is including all taxes, GST, royalty, lead, lift, descent, ascent, road taxes etc. The reports shall be submitted in duplicate.	Each Test	2.00	47148.16	94296.32
3	3	Conducting undrained cohesion of soil (CU) test for the soil on the natural ground, compacted layer of embankment, blanket prepared formation as per the direction of Engineer in charge and submission of reports base don the soil test done.The test shall be done as per IS code . The rate is including all taxes GST, royalty, lead, lift, descent, ascent, road taxes etc. The reports shall be submitted in duplicate.	Each Test	2.00	4041.27	8082.54
					Total	107767.22
Schedule	Schedule V-Execution of all works as detailed in schedule					
Item- 22	Tree Cutting, Enumeration & Transportation					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Branching, cutting, felling, dragging of both timber and firewood trees, and logging and stacking of timber tree in Railway land coming in formatio , toe , slope of cutting or banking as per joint verification reported by revenue and forest dept. The rate includes labour charges, ascent, decent crossing one or more Railway line where arising, consumable, tools, plants and equipment all incidental charges, taxes, royalties etc. complete as required. Note:Here unit Each means per tree	Each	20.00	583.61	11672.20
2	2	Transportation of timber as per forest act or as directed by forest officials after getting the same authenticated by forest official from site to nominated/directed Depot of forest department and stacking the same for auction by relevant forest department. The rates includes labour charges, ascent, descent, crossing one or more Railway line where arising, consumable, tools, plants and equipment all incidental charges, taxes, royalties etc. complete as required.	cum	10.00	2078.18	20781.80
					Total	32454.00

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Submit the scanned copy (In PDF Form) of the documents as per the requirement of financial eligibility criteria of the tender [Refer para 2.3 of tender document {Para 2.3 for tenderer(s) participating as JV firm}]. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)

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1.1	Submit the scanned copy (In PDF Form) of the documents for evaluating the Bid Capacity (Please refer Clause 12.25 of tender document). This is applicable in all works contract having tender value of Rs. 20.00 Crore and above. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
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Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Submit the scanned copy (In PDF Form) of the work(s) completion certificate(s) as per the requirement of Technical eligibility criteria of the tender [Refer para 2.3 of tender document {Para 2.3 for tenderer(s) participating as JV firm}]. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- For similar nature of work: 1. Any Civil Engineering work involving Earthwork in formation and blanketing with mechanical compaction and construction of bridges. 2. In addition the tenderer (In case JV tenderer, either JV itself or any constituent of JV) should have executed P. Way Track Linking work in same contract or any other contract in past irrespective of 7 years stipulations and any financial stipulation. (Documentary evidence to be uploaded along with the offer. Such document shall be signed /issued by the Authority as mentioned the NIT).	No	No	Not Allowed

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

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
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

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

Commercial-Compliance

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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	Notes for all schedules: Standard Schedule of Rates (SSOR) Items: Any item of work carried out by the Contractor on the instructions of the Engineer which is not included in the accepted Bill(s) of Quantities but figures in the Standard Schedule of Rates (SSOR), shall be executed at the rates set forth in the "Standard Schedule of Rates (SSOR)" modified by the tender percentage as accepted in the contract for that chapter of Standard Schedule of Rates (SSOR). However, the cumulative value of all such extra item(s) together (modified by the respective tender percentage) shall not exceed 10 % of the original contract value.	No	No	Not Allowed
2	Option of Payment through Letter of Credit (L.C.): Tenderer(s) may submit option for taking payment through Letter of Credit (L.C.). [Refer para 7.1 of tender document].	No	No	Not Allowed
3	Credentials if submitted in foreign currency shall be converted into Indian currency i.e., Indian Rupee as under: The conversion rate of US Dollars into Rupees shall be the daily representative exchange rates published by the Reserve Bank of India for the relevant date. Where, relevant date shall be as on the last day of month previous to the one in which tender is invited. In case of any other currency, the same shall first be converted to US Dollars as on the last day of month previous to the one in which tender is invited, and the amount so derived in US Dollars shall be converted into Rupees at the aforesaid rate. The conversion rate of such currencies shall be the daily representative exchange rates published by the International Monetary Fund for the relevant date.	No	No	Not Allowed
4	Electronic Reverse Auction (eRA) is applicable in works tender valued more than Rs 50 crore in each case. [Refer para 7.2 of tender document].	No	No	Not Allowed
5	Contract under EBR (IF): It is agreed by and between the parties that Railway shall continue to be held responsible for all obligations, risk and liabilities, whatsoever, arising out of or in connection with the Principal agreement and this novation agreement, whether during the progress of the work or after its completion. It is further agreed and understood by and between the parties that IRFC shall be the owner of assets, if any, arising out of execution of works as defined in the Principal Agreement, except the land whose ownership shall continue with Railway. Accordingly, the invoices shall be issued by capturing GSTIN of contractor (as the supplier) and GSTIN of IRFC (as bill to party). Also, the contractor shall submit the invoice, issued in the name of IRFC, to railway for processing payment by Railway to contractor subject to applicable TDS under the Income Tax, GST or any other applicable laws. It is further agreed by and between the Parties that IRFC shall be responsible to comply with Income Tax and GST laws in relation to filing of returns.	No	No	Not Allowed
6	There are several changes in the tender document after the new GCC April 2022 is issued. Tenderer(s) are requested to go through the tender document & GCC carefully before the submission of the offer.	No	No	Not Allowed
7	Clarification of Bids: To assist in the examination, evaluation & comparison and pre-qualification of the Tender, the Railway may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Railway shall not be entertained or considered. The Railway request for clarification and the response of the bidder in this regard shall be in writing. However, if a Bidder does not provide clarification of its bid by the date and time communicated in the Railway request for clarification, the bid shall be evaluated as per the documents submitted along with the bid.	No	No	Not Allowed
8	All General Instructions are available in the uploaded tender document.	No	No	Not Allowed

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9	The original Bank Guarantee should be delivered in person to the official nominated as indicated in the tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids). Nominated officials are AXEN/Con/Works & Arbitration/GRC, S. E. Railway, Kolkata-700043 and Dy CE/Con/Adra, Office of the Dy CE/Con/Adra, S. E. Railway.	No	No	Not Allowed
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Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Scanned copy (in PDF Form) of the Information regarding the Association of Railway Officer(s) with the tenderer - For details please see para 2.3.11 of Tender Document.	No	No	Allowed (Mandatory)
2	Scanned copy (In PDF Form) of the Ballast Test Report. [Refer para 2.2 (f) of tender document]. TENDERS NOT ACCOMPANIED BY THESE DOCUMENTS WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
3	SCANNED COPY (IN PDF FORM) OF ALL THE DOCUMENTS OF THE JOINT VENTURE (JV) FIRM AS MENTIONED IN THE PARA 2.3 OF THE TENDER DOCUMENT. IF THE TENDERER IS A JOINT VENTURE FIRM, ALL THE REQUIRED DOCUMENTS SHOULD BE UPLOADED HERE. For all other type of firms (Other than JV firms) the tenderer has to upload the scanned copy (In PDF Form) of all the documents as mentioned in clause 2.3 of the tender document.	No	No	Allowed (Mandatory)
4	Scanned copy (In PDF Form) of the Vendor Mandate Form as per specific format provided in the para 4 of tender document. The Tenderer is required to declare Bank details and A/C No. etc. in Vendor Mandate Form.	No	No	Allowed (Mandatory)
5	Scanned copy (In PDF Form) of the complete address of the firm as per para 1 of tender document, to which the all correspondences shall be made by the railway.	No	No	Allowed (Mandatory)
6	Scanned copy (In PDF Form) of valid Provident fund (PF) Code Number of the establishment/tenderer.	No	No	Allowed (Mandatory)
7	Scanned copy (In PDF Form) of Goods and Services Tax (GST) Registration Certificate containing GST Registration Number.	No	No	Allowed (Mandatory)
8	Scanned copy (In PDF Form) of certificate by tenderer for site visit & familiarization (Refer para 11 of tender document).	No	No	Allowed (Mandatory)
9	Scanned copy (In PDF Form) of declaration by tenderer as per para 6 of tender document.	No	No	Allowed (Mandatory)
10	Scanned copy (In PDF Form) of the list of the persons of the tenderer on hand & proposed to be hired for this tender.	No	No	Allowed (Mandatory)
11	Scanned copy (In PDF Form) of list of the plants & machinery of the tenderer available on hand and proposed to be inducted & hired for this tender.	No	No	Allowed (Mandatory)
12	Scanned copy (In PDF Form) of list of the arbitration/court cases of the tenderer during last three years.	No	No	Allowed (Mandatory)
13	Scanned copy (In PDF Form) of the sub contractor's work experience certificate (Please refer Clause 13.37 of tender document).	No	No	Allowed (Mandatory)
14	Bid Security is required to be submitted/uploaded as per para 12.3 of tender document.	No	No	Allowed (Mandatory)
15	Scanned copy (in PDF Form) of Power of Attorney as para 2.3.10 of tender document.	No	No	Allowed (Mandatory)

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	GCCApril-2022.pdf	GCC 2022

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2	CorrectionSlipNo1.pdf	Correction Slip No 1
3	CorrectionSlipNo2_1.pdf	Correction Slip No 2
4	CorrectionSlipNo3.pdf	Correction Slip No 3
5	CorrectionSlipNo4.pdf	Correction Slip No 4
6	CorrectionSlipNo5.pdf	Correction Slip No 5
7	CorrectionSlipNo6.pdf	Correction Slip No 6
8	BarChart.pdf	Bar Chart
9	TD03-2024.pdf	TD 032024

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: AKSHAYA KUMAR SAHOO

Designation : Dy.CE/CON/WORKS/SER