

**DHANBAD DIVISION-ENGINEERING/EAST CENTRAL RLY  
TENDER DOCUMENT**

**Tender No:** 186-DHN-2022-23

**Closing Date/Time:** 28/12/2022 17:00

**DRM/Engineering** acting for and on behalf of The President of India invites E-Tenders against Tender No **186-DHN-2022-23** Closing Date/Time 28/12/2022 17:00 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**

<b>Name of Work</b>	Provision of Loop Line, Track work & Bridge work at PTRU relate to deposit work of PVUNL.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	28/12/2022 17:00	<b>Date Time Of Uploading Tender</b>	07/12/2022 16:45
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	79963428.63	<b>Tendering Section</b>	SR.DEN3
<b>Bidding Style</b>	[ Decision at Schedule level ]	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	549800.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	14/12/2022	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Deposit Work

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-(Non-Schedule Item)</b>							5144119.14	
1	a	4000.00	Track metre	208.40	833600.00	AT Par	833600.00	Rs.
	<b>Description:-</b> Linking of BG track with single rail/2 rail panel/3 rail panel with standard fitting including initial packing of 60/52 kg rail on PSC sleeper etc. 52 Kg/60Kg rail on PSC sleeper with sleeper density 1540/1660 per Km. with associated fittings.							
2	a	800.00	Track metre	34.64	27712.00	AT Par	27712.00	Rs.
	<b>Description:-</b> Slewing of track ralignment of curve to achive specified alignment etc.Upto 500 mm							
2	b	200.00	Track metre	66.68	13336.00	AT Par	13336.00	Rs.
	<b>Description:-</b> Slewing of track ralignment of curve to achive specified alignment etc. upto 1000 mm							
3	a	4000.00	Track metre	63.79	255160.00	AT Par	255160.00	Rs.
	<b>Description:-</b> Lifting of BG track without block protection to rach towards final level with fitting up to 150 mm in one stage as per IRPWM para 224 including pulling of ballast from shoulders of cess and putting it on the track dressing and boxing kutcha packing to make the track fit for 20 KMPH inclusive of free lead of ballast up to 100 meters, all lead lifts/ascent/descent, crossing of track, any obstruction etc. completer in all respect. Standard B.G.track							
4	a	4000.00	Track metre	35.79	143160.00	AT Par	143160.00	Rs.
	<b>Description:-</b> Through packing of standard B.G. track and other elements of track on any type of sleepers (including lifting in stages maximum up to 75mm at a time to make good longitudinal level of track) to specified tolerance as per IRPWM para 224 to relax the speed complete in all respect. 1st round packing							
4	b	4000.00	Track metre	32.96	131840.00	AT Par	131840.00	Rs.
	<b>Description:-</b> Through packing of standard B.G. track and other elements of track on any type of sleepers (including lifting in stages maximum up to 75mm at a time to make good longitudinal level of track) to specified tolerance as per IRPWM para 224 to relax the speed complete in all respect.2nd round packing							
4	c	4000.00	Track metre	32.91	131640.00	AT Par	131640.00	Rs.
	<b>Description:-</b> Through packing of standard B.G. track and other elements of track on any type of sleepers (including lifting in stages maximum up to 75mm at a time to make good longitudinal level of track) to specified tolerance as per IRPWM para 224 to relax the speed complete in all respect.3rd round packing							
5	a	120.00	Joint	1130.83	135699.60	AT Par	135699.60	Rs.

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6	<b>Description:-</b> Assembling and insertion of Glued joint on wooden/concrete sleeper etc.With/Without block protection							
	a	900.00	Each	139.05	125145.00	AT Par	125145.00	Rs.
7	<b>Description:-</b> Cutting rails 60Kg/52Kg./90R rail in running lines/cess by Hacksaw blade (Hacksaw blade will be supplied by the contractor at his own cost.							
	a	5400.00	Each	105.25	568350.00	AT Par	568350.00	Rs.
8	<b>Description:-</b> Drilling holes in 52kg/60kg rails (in running line/Non-running line).							
	a	6650.00	Per Sleeper	10.13	67364.50	AT Par	67364.50	Rs.
8	<b>Description:-</b> Cleaning, greasing of rail joint, fishplates, ERC etc. with approved quality contractor's grease as per IRPWM. After greasing the fittings should be prefixed.Elastic rail clips, MCI insert.							
	b	667.00	Per Joint	31.55	21043.85	AT Par	21043.85	Rs.
9	<b>Description:-</b> Cleaning, greasing of rail joint, fishplates, ERC etc. with approved quality contractor's grease as per IRPWM. After greasing the fittings should be prefixed.Fish plated joints (fish plates, bolts, nuts holes)							
	a	4000.00	Track metre	14.45	57800.00	AT Par	57800.00	Rs.
10	<b>Description:-</b> Pre-tamping and post tamping attention together taken as one round of attention to the track of machine maintenance as per stipulation contained in para 226 (3) & 226(5) of IRPWM/1986 one round attention meansone round of tamping of machine.							
	a	2760.00	cum	54.91	151551.60	AT Par	151551.60	Rs.
11	<b>Description:-</b> Unloading and spreading of stone ballast from BOBY_N type Railway wagon in running/non-running line etc.							
	a	4000.00	Track metre	26.65	106600.00	AT Par	106600.00	Rs.
12	<b>Description:-</b> Boxing and dressing of ballast profile to achieve ballast profile as LWR including filling of ballast in crib upto sleeper level.							
	a	2.00	LC Gate	7657.91	15315.82	AT Par	15315.82	Rs.
13	<b>Description:-</b> Manufacturing/fabricating, assembling and fixing of check rail for level crossing with any section of rail including cutting of bottom flange of check rails, bending at ends, drilling holes in running line and check rail as per drawing, breaking of road surface to required depth for laying track/check rails and bringing the same back into original status, painting coal tarring (To be supply by contracotr) of rail webs with all temporary arrangements for continuing movements of road traffic during execution of work inclusive of all lead of materials upto 100 meters, all lifts descent crossing of track obstruction etc. (work required for diversion will be paid separately under Sch.B-XII)							
	a	4000.00	Track metre	173.84	695360.00	AT Par	695360.00	Rs.
14	<b>Description:-</b> Pairing/butting and inserting/changing etc. of 60 kg. rails (above 130 meter rail to 60 meter rail 20 rail panels) including dismantling oiling of existing 52 kg/60kg (72 UTS/92UTS) section rail to CWR panels, The rate should be inclusive greasing of fish plate/ERC oiling of bolts, nuts, provision of adequate gap at joints on running rails has to be provided along with fishplates and contractor has to fix the fishplates with 4-6 bolts/clamps as rail joints to end the days work. (The required greases and oils as per relevant IS specification/grade and as per instructions of site in-charge for above will be supplied by contractor at his own cost and should be inclusive on the rate quoted for this item.							
	a	550.00	MT	273.88	150634.00	AT Par	150634.00	Rs.
15	<b>Description:-</b> Trollying rails/ switches/ X-ing by Dip lorry / Rail dolly or any other means up to a distance of 1Km. including X-ing of track with all lead, lift, crossing of multiple lines and stacking them as per direction of site In-Charge with contractor's Dip Lorry /Rail Dolly etc.							
	a	6650.00	Each	22.30	148295.00	AT Par	148295.00	Rs.
	<b>Description:-</b> Carriage and spreading of PSC line/special sleepers along formation/on cess for track linking by dip lorry/rail dolly or by any other means by the contractor with contractor's labour including loading and unloading of the sleeper with all lifts/descents, xing of tracks, obstructions etc. after unloading as per relevant item under Schedule B-IX with or without block protection including repair and maintenance of approach road dip lorry rail dolly etc. the dip lorry, material trolley, rail dolly has to be supplied and maintained by the contractor, Sleepers have to be spread iniformily at the required spacing along the formation/on cess so that there should not be requirement of much lead/rehanding while track-linking vide item No.1 of this schedule. It should be noted that after execution of this item no further payment for further rehanding for track linking for track linking shall be made. Ordinary sleeper							
	b	1350.00	Each	46.10	62235.00	AT Par	62235.00	Rs.

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15	<b>Description:-</b> Carriage and spreading of PSC line/special sleepers along formation/on cess for track linking by dip lorry/rail dolly or by any other means by the contractor with contractor's labour including loading and unloading of the sleeper with all lifts/descents, xing of tracks, obstructions etc. after unloading as per relevant item under Schedule B-IX with or without block protection including repair and maintenance of approach road dip lorry rail dolly etc. the dip lorry, material trolley, rail dolly has to be supplied and maintained by the contractor, Sleepers have to be spread iniformly at the required spacing along the formation/on cess so that there should not be requirement of much lead/rehanding whicle track-linking vide item No.1 of this schedule. It should be noted that after execution of this item no further payment for further rehanding for track linking for track linking shall be made.Special size sleeper							
	a	5.00	Set	45344.64	226723.20	AT Par	226723.20	Rs.
16	<b>Description:-</b> Assembly and insertion of 52Kg/60Kg point and crossing and other elements including initial packing in trafic block/without block. 1 in 12 assembly on concrete sleeper							
16	b	6.00	Set	37430.75	224584.50	AT Par	224584.50	Rs.
	<b>Description:-</b> Assembly and insertion of 52Kg/60Kg point and crossing and other elements including initial packing in trafic block/without block.1 in 8.5 assembly on conrete sleeper							
16	c	3.00	Set	6192.21	18576.63	AT Par	18576.63	Rs.
	<b>Description:-</b> Assembly and insertion of 52Kg/60Kg point and crossing and other elements including initial packing in trafic block/without block.Trap Switch							
17	a	12.00	Set	5235.96	62831.52	AT Par	62831.52	Rs.
	<b>Description:-</b> Lifting of points and x-ing without blocks protection to reach towards final level with lifting up to 150 mm in one stage as per IRPWM para 224 including pulling of ballast from shoulders or cess and putting it on the track, dressing and boxing kutcha packing to make the track fit for 20KMPH inclusive of free lead of ballast upto 100 meters, all lead lifts/ascent/descent, crossing of track any obstruction etc. complete in all respect. 1 in 12 points & crossing.							
17	b	12.00	Set	5011.78	60141.36	AT Par	60141.36	Rs.
	<b>Description:-</b> Lifting of points and x-ing without blocks protection to reach towards final level with lifting up to 150 mm in one stage as per IRPWM para 224 including pulling of ballast from shoulders or cess and putting it on the track, dressing and boxing kutcha packing to make the track fit for 20KMPH inclusive of free lead of ballast upto 100 meters, all lead lifts/ascent/descent, crossing of track any obstruction etc. complete in all respect.1 in 8.5 assembly on conrete sleeper							
18	a	24.00	Set	5806.19	139348.56	AT Par	139348.56	Rs.
	<b>Description:-</b> Through packing of 1 in 8-1/2, 1 in 12, 52 kg/60 kg points & xing assembly (including lifting in stages maximum up to 75 mm at a time to make good longitudinal level of track) to specified tolerance as per IRPWM, on all type of sleepers and make it fit for normal speed. 1st round packing							
18	b	24.00	Set	5492.55	131821.20	AT Par	131821.20	Rs.
	<b>Description:-</b> Through packing of 1 in 8-1/2, 1 in 12, 52 kg/60 kg points & xing assembly (including lifting in stages maximum up to 75 mm at a time to make good longitudinal level of track) to specified tolerance as per IRPWM, on all type of sleepers and make it fit for normal speed.2nd round packing							
18	c	24.00	Set	5478.40	131481.60	AT Par	131481.60	Rs.
	<b>Description:-</b> Through packing of 1 in 8-1/2, 1 in 12, 52 kg/60 kg points & xing assembly (including lifting in stages maximum up to 75 mm at a time to make good longitudinal level of track) to specified tolerance as per IRPWM, on all type of sleepers and make it fit for normal speed.3rd round packing							
19	a	1200.00	Track metre	119.99	143988.00	AT Par	143988.00	Rs.
	<b>Description:-</b> Dismantling of existing track Standard BG track							
20	a	2.00	Set	4712.68	9425.36	AT Par	9425.36	Rs.
	<b>Description:-</b> Dismantling of existing 60kg/52kg/90R track on any type of sleeper and other track elemetns to be done under block/without block protection.Trap Switch							
20	b	2.00	Set	10481.71	20963.42	AT Par	20963.42	Rs.
	<b>Description:-</b> Dismantling of existing 60kg/52kg/90R track on any type of sleeper and other track elemetns to be done under block/without block protection. 1 in 12 Points & xing in any type of sleeper							
20	c	4.00	Set	7317.77	29271.08	AT Par	29271.08	Rs.
	<b>Description:-</b> Dismantling of existing 60kg/52kg/90R track on any type of sleeper and other track elemetns to be done under block/without block protection.1 in 8 1/2 points & xing in any type of sleeper							
21	a	20.00	Track metre	59.19	1183.80	AT Par	1183.80	Rs.
	<b>Description:-</b> Fixing of guard rail including curring ,notching, drilling of hole bending etc. inclusive of lead upto 100 meters, all lifts/descent/crossing of track etc.							
	a	2.00	Each	6852.43	13704.86	AT Par	13704.86	Rs.

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22	<b>Description:-</b> Fabrication of buffer box type with new/SH Wooden/steel trough sleepers as per approved drawing two coats of painting of cross timber with single red paint vetical timber with alternate black & white paints(to be supplied by the contractor) with bolts & nuts M.S.tie bars, filling of earth availbale in Rly. land, all lead & lifts, descents, crossing of track etc. complete in all respect.							
23	a	2.00	Set	8595.67	17191.34	AT Par	17191.34	Rs.
23	<b>Description:-</b> Fabrication of 52/60Kg points & xing on PSC sleeper (fan shaped) at base or location at directed by PWI at site including dressing and location of site for fabrication. 1 in 8.5							
23	b	4.00	Set	12632.03	50528.12	AT Par	50528.12	Rs.
23	<b>Description:-</b> Fabrication of 52/60Kg points & xing on PSC sleeper (fan shaped) at base or location at directed by PWI at site including dressing and location of site for fabrication. 1 in 12							
24	a	2.00	Set	2896.25	5792.50	AT Par	5792.50	Rs.
24	<b>Description:-</b> Assitting T-28 machine for laying of fabricated Pts & Xing. During block period including making patch for moving the machine to site of work. 1 in 8.5							
24	b	4.00	Set	3679.93	14719.72	AT Par	14719.72	Rs.
24	<b>Description:-</b> Assitting T-28 machine for laying of fabricated Pts & Xing. During block period including making patch for moving the machine to site of work. 1 in 12							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule AI-(Non- Schedule Item)</b>							17289504.00	
1	a	7200.00	cum	2294.20	16518240.00	AT Par	16518240.00	Rs.
1	<b>Description:-</b> "Supply & stacking of machine crushed hard stone ballast 50mm gauge of approved quality and conforming to RDSO latest specification (annexed) over the finished formation or along the cess of the alignment of the section as directed by EngioneerIncharge in the work or his representative at site. The rate includes all all cost of materials, transportation & royalty, octrol, sales tax & other taxes imposed by Central/State Govt. and local bodies including all other incidental charges with all lead, lift, crossing Railway lines if required and levelling of stacking ground. The stacking ground will be certified by the Enginner-in-charge of work.i) The payment will be made @ 90% of the accepted rate of supplying and stacking of ballast. Balance 10% payment will be made progressively on completion of the item no 11 i.e. spreading of ballast. ii) The ballast stacks should be uniformly distributed along the alignment. The space for stacking of ballast will be decided by Engineer-in-charge or his representative. iii) The stacking ground is to be level before supply of ballast. No extra payment will be made for this leveling."							
2	a	7200.00	cum	107.12	771264.00	AT Par	771264.00	Rs.
2	<b>Description:-</b> Spreading of stone ballast in two stages i.e. (a) on the formation before laying the track and (b) in the track and points and crossing with contractor's labour with lead upto 70.0m and ascent/descent upto 6m as directed by Engineer-incharge. No extra payment will be made for crossing of Railway lines (Note:- No separate measurement for spreading ballast stacks will be given. The measurement taken during supply of ballast shall be considered for payment of spreading.							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule CI-(Cement)</b>							4063259.16	Above/ Below/Par
1	Please see Item Breakup for details.				2960480.26	37.25	4063259.16	
1	<b>Description:-</b> For Chapter No. 03 as per USSOR-2012.							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule BI -(P-Way)</b>							429747.03	Above/ Below/Par
1	Please see Item Breakup for details.				48940.00	778.11	429747.03	
1	<b>Description:-</b> Overall percentage increase/decrease over the rates under Dhanbad Division of Engineering Department on Schedule of Labour and Materials 1987 for items listed in Annexure-I							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule BII-(General)</b>							45234224.55	Above/ Below/Par
1	Please see Item Breakup for details.				32624756.26	38.65	45234224.55	
1	<b>Description:-</b> For Chapter No. 01,02,03,04,09,11,12 & 19 as per USSOR-2012.							

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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule</b> CII-(Reinforcement)							7802574.75	Above/ Below/Par
1	Please see Item Breakup for details.				6393980.78	22.03	7802574.75	
	<b>Description:-</b> For Chapter 04 as per USSOR-2012.							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule CI-(Cement)						
<b>Item- 1</b>	For Chapter No. 03 as per USSOR-2012.						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	
		Supply and using cement at worksite :					
1	033063	PPC	Tonne	462.51	6400.90	2960480.26	
					<b>Total</b>	<b>2960480.26</b>	
<b>Schedule</b>	Schedule BI -(P-Way)						
<b>Item- 1</b>	Overall percentage increase/decrease over the rates under Dhanbad Division of Engineering Department on Schedule of Labour and Materials 1987 for items listed in Annexure-I						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	
1	1	Distribution of Small track fittings by Railways material trolley from nearest depot & vice versa upto a distance of 2Km.	Tonne	130.00	126.00	16380.00	
2	2	Distribution of small track fittings by railways materials trolley from nearest depot and vice-versa for every additional km.	Tonne	130.00	33.00	4290.00	
3	3	Renewal of ordinary wooden/steel/CI/ PSC sleeper by PSC sleepers at site of work	Per Sleeper	150.00	16.00	2400.00	
4	4	Unloading of PSC sleepers from BFR on to the cess along the track	100 Nos.	500.00	460.00	2300.00	
5	5	Collecting & stacking PSC sleeper ready for loading in DMT within a lead of 30m	100 Nos.	200.00	160.00	320.00	
6	6	Collecting & stacking 90R/52Kg rails for loading in DMT within a lead of 30m	Metre	900.00	0.50	450.00	
7	7	150mm deep screening of track below bottom of sleeper. This includes the opening of ballast, digging down below the sleeper, screening and putting back of the same and including initial packing with screened ballast.	Metre	1200.00	19.00	22800.00	
					<b>Total</b>	<b>48940.00</b>	
<b>Schedule</b>	Schedule BII-(General)						
<b>Item- 1</b>	For Chapter No. 01,02,03,04,09,11,12 & 19 as per USSOR-2012.						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>	
		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in					
1	011011	All kinds of soils	cum	2250.00	93.54	210465.00	
2	012010	Extra over item 011010 for excavation in foundations for buildings and bridges to cover dressing to neat dimension and plumbing sides etc. Note : Dressing under this item is payable for the total quantity of excavation in foundation and not partly	cum	2250.00	10.20	22950.00	

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3	012050	Supplying and filling sand in plinth and under floors including watering, ramming, consolidating and dressing complete	cum	118.00	602.73	71122.14
4	013120	Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds if provided, platforms etc. with earth excavated from outside railway boundary entirely arranged by the contractor at his own cost as per RDSO's latest guidelines and specifications and special condition of contract including all leads, royalty, lifts, ascents, descents, crossing of nallahs or any other obstructions. The rates shall include all dressing of bank to final profile, demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling/re-handling. taxes, octroi and royalty etc. as a complete job. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Special conditions of contract	cum	94000.00	139.23	13087620.00
5	013130	Extra for mechanical compaction of earth/blanketing material filled in embankment with contractor's rollers of suitable capacity, type and size to achieve specified density as per specification, testing as per IS codes incl. cost of water, T&P consumable material and all labour as a complete job. The work is to be executed as per Latest edition of "Guidelines for Earthwork in Railway Projects" issued by RDSO, Lucknow	cum	90000.00	14.80	1332000.00
6	013140	Removal of excavated/slip earth/ debris/ malba from the site of works to any other place outside Railway land/premises, including all excavations, handling, re-handling, loading, unloading and leading, etc. all labour and material as a complete job. Removal of Earth (all kinds of soils)/ROCKS, BOULDERS including mud/slush, slipped earth in catch water drains, side drains, over berms in cutting, water way of bridges, over coping of toe/breast/retaining walls etc. including crossing of nallah, railway tracks, making/repairing approach roads if required, all lead, lift, ascent, descents, or any other obstruction. Earth spoils to be dumped outside the cutting or railway embankments as per direction of Engineer in charge	cum	20000.00	137.35	2747000.00
7	013150	Laying and spreading blanketing materials (Natural or Mechanically prepared as per GE-1 or G.E.IRS-2) over new / old embankment / cutting in layers of 30 cm in loose state to make the embankment of designed profile as per specifications. The rate is inclusive of initial site clearance, cutting of shrubs, removal of roots of vegetation growth & heavy grass, surfacing and leveling to give required slope, benching if required on existing bank slope, dressing and finishing of bank, all lead & lift, ascent, descent, crossing of nallahs/ other obstructions, spreading the material and final dressing of slopes and top surface as per specified camber using contractor's own machinery, equipment, T&P labour etc., as a complete job. Note - The rate does not include supply / compaction of blanketing material at site which shall be paid separately.	cum	10000.00	63.04	630400.00
8	021070	Loading/Unloading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones , rubble stones, laterite, coal, surkhi, dry mortar, sand , moorum, earth, manure or sludge, ashes, lime etc., including lead up to 50m and stacking into/from trucks, trailers or wagons	cum	188000.00	38.66	7268080.00

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9	021090	Leading ballast, kankar, brickbats, stone-chips, shingle, stone boulders, block kankar, pitching stones, rubble stones, laterite, coal, surkhi, dry mortar, sand, moorum, earth, manure or sludge, ashes, lime, debris, muck, malba, etc. for lead upto 25 km. Note : Lead under this item is payable when the same exceeds 500m.	cum	10000.00	88.58	885800.00
		Providing and laying in position cement concrete of specified proportion excluding cost of cement, centering and shuttering - All works upto Plinth level :				
10	031012	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 40mm nominal size)	cum	247.00	2537.86	626851.42
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
11	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	2.20	2911.03	6404.27
		Providing and laying in position M 20 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge				
12	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	cum	1018.00	3341.60	3401748.80
		Centering and shuttering including strutting, propping etc. and removal of form for :				
13	042012	Walls (any thickness) including attached plasters, buttresses, plinth and string courses etc.	Sqm	5071.00	227.40	1153145.40
		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
14	043011	In string courses, bands, coping, bed plates, anchor blocks, plain window sills, and the like	cum	60.00	3596.13	215767.80
		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary) of average thickness 25 mm including ramming sub grade :				
15	091032	Flat brick	Sqm	2360.00	237.25	559910.00
		12 mm cement plaster finished with a floating coat of neat cement of mix -				
16	111072	1:4 (1cement: 4fine sand)	Sqm	4290.00	75.59	324281.10
17	121250	Lettering with "Synthetic Enamel" paint (two coats) of approved brand and manufacture	Each of 1 cm height	60.00	1.42	85.20

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		Exploratory drilling of Boreholes down to required depth, drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30 cm), including refilling and reinstating surface, and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chieselling tool for advancing through occasional seams of hard strata to be employed, where necessary in Dry area				
18	191011	0m to 10m	Metre	40.00	1451.88	58075.20
19	191100	Taking out 100mm dia & 450mm long undisturbed samples of soil from bore holes, including provision of air tight containers for packing and, labelling incl. transporting the samples to laboratory. Piston sampler shall be used for extracting undisturbed samples where necessary. Samples shall be collected as per IS 2720	Each	24.00	118.24	2837.76
		Earth work in excavation 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. incl. all lift, disposal of surplus soil upto a lead of 300 M, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge				
20	192011	All kinds of soils	cum	69.00	292.93	20212.17
					<b>Total</b>	<b>32624756.26</b>
<b>Schedule</b> Schedule CII-(Reinforcement)						
<b>Item- 1</b> For Chapter 04 as per USSOR-2012.						
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
1	045014	High yield strength deformed bars	Kg	99193.00	64.46	6393980.78
					<b>Total</b>	<b>6393980.78</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Financial Eligibility Criteria (Clause 10.2 of part-I GCC-2022): The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-VIB, along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Similar nature of work: Any Civil Engineering Work involving Earthwork and Blanketing in formation with mechanical compaction. The Tenderer should also have completed Bridge Work and P.Way work in same contract or in different contract but its value should not be less than ant 20% of advertised tender value.	No	No	Allowed (Mandatory)

**Special Technical Criteria**



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1	Technical Eligibility Criteria (Clause 10.1 of GCC-2022):(a)The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i)Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii)Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii)One similar work costing not less than the amount equal to 60% of advertised value of the tender. (b) (1) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i)Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii)Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or (iii)One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender.	No	No	Allowed (Mandatory)
1.1	Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components. (b)(2) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity. (b)(3) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 of the Standard General Conditions of Contractor through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing. However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfilment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows: The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract.	No	No	Not Allowed

**Submission of Document Verification Certificate**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit a certificate in the prescribed format (please download the format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility / qualifying criteria. 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. <a href="#">(Click here)</a> to download the Format of Self Certificatio	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Commercial-Compliance**

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

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2	The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. The tenderer(s) shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be.	No	Yes	Allowed (Mandatory)
3	If it is NOT mentioned in the submitted tender that tender is being submitted on behalf of a Sole Proprietorship firm / Partnership firm / Joint Venture / Registered Company etc., then the tender shall be treated as having been submitted by the individual who has signed the tender.	No	Yes	Allowed (Mandatory)
4	After opening of the tender, any document pertaining to the constitution of Sole Proprietorship Firm / Partnership Firm / Registered Company/ Registered Trust / Registered Society / HUF/LLP etc. shall be neither asked nor considered, if submitted. Further, no suo moto cognizance of any document available in public domain (i.e., on internet etc.) or in Railway's record/office files etc. will be taken for consideration of the tender, if no such mention is available in tender offer submitted.	No	Yes	Allowed (Mandatory)
5	The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society / registered trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association/Board resolution, failing which tender shall be summarily rejected. A separate power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, shall be submitted after award of work, specifically authorizing him/them to deal with all other contractual activities subsequent to signing of agreement, if required. Note: A Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.	No	Yes	Allowed (Mandatory)

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6	<p>(a) The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society / Registered Trust / HUF etc. as the case may be. Following documents shall be submitted by the tenderer: - (b) Following documents shall be submitted by the tenderer in case of Sole Proprietorship Firm; (i) An undertaking that he is not blacklisted or debarred by Railway or any other Ministry/ Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was /is a partner/member. Concealment /wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (ii) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of GCC-2022. (c) Following documents shall be submitted by the tenderer in case of HUF; (i) A copy of notarized affidavit on stamp paper declaring that he who is submitting the tender on behalf of HUF is in the position of Karta of Hindu Undivided Family (HUF) and he has the authority, power and consent given by other members to act on behalf of HUF. (ii) An undertaking that the HUF is not blacklisted or debarred by Railway or any other Ministry /Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which HUF was / is a partner/member. Concealment/wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (iii) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of GCC-2022. (d) Following documents shall be submitted by the tenderer in case of Company registered under Companies Act 2013; (i) The copies of MOA(Memorandum of Association) / AOA (Articles of Association) of the company (ii) A copy of Certificate of Incorporation (iii) A copy of Authorization /power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company. (iv) An undertaking that the Company is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which the Company was / is a partner/member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of GCC-2022.</p>	No	Yes	Allowed (Mandatory)
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6.1	(e) Following documents shall be submitted by the tenderer in case of LLP (Limited Liability Partnership): If the tender is submitted on behalf of a LLP registered under LLP Act-2008, the tenderer shall submit along with the tender: (i) A copy of LLP Agreement (ii) A copy of Certificate of Incorporation (iii) A copy of Power of Attorney/Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP. (iv) An undertaking that the LLP is not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of JV in which the LLP was / is a member. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (v) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of GCC-2022. (f) Following documents shall be submitted by the tenderer in case of Partnership Firm: The tenderer shall clearly specify that the tender is submitted on behalf of a partnership firm. (i) A notarized copy of partnership deed. (ii) A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm. (iii) An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry / Department of the Govt. of India from participation in tenders / contracts as on the date of opening of bids, either in their individual capacity or in any firm in which they were / are partners. Concealment / wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract. (iv) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of GCC-2022 and clause 18 of GCC-2022. (g) Following documents shall be submitted by the tenderer in case of Registered Society & Registered Trust (i) A copy of the Certificate of Registration (ii) A copy of Deed of Formation (iii) A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv) All other documents in terms of Para 10 of the Tender Form (Second Sheet) of GCC-2022.	No	Yes	Allowed (Mandatory)
7	An undertaking that the Proprietary firm /Partnership firm/Company /Joint venture (JV) Registered society /Registered Trust /HUF/LLP ect. He is not blacklisted or debarred by Railway or any other Ministry/Department of Gov. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of JV in which the LLP was / is a member .Concealment/ wrong information in determination under Clause 62 of the General Conditions of Contract. For detail refer para 6 & 6.1 as above and GCC-2022 .	No	Yes	Allowed (Mandatory)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	A copy of Documents against eligibility criteria must be submitted along with the E-tender. No any documents against the same will be entertained in the office of Divisional Railway Manager, Dhanbad or anywhere else at any time. Tender will be decided purely on the basis of documents available/attached with the E-tender irrespective of whether tenderer is working contractor or new. However Railway may ask clarification with respect to document available/attached with the E-tender, if required.	No	No	Not Allowed

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	<p>Special Condition of Track:-1.The work will be done as per instruction and under supervision of sectional PWI or his representative 2.Day to Day caution will be issued by sectional PWI or his representative and track protection will be done by Railway. 3.The work will normally be done for 6 days in a week. 4.All tools and plants including rail cutting machine , hacksaw blades and drill twise, ratched brace etc. required for the work will be supplied by the contractor at his own cost. 5.Traffic block required for the work will be arranged by the sectional PWI or his representative and contractor will be responsible for strict adherence and timely completion of work. In case of non-availability of block due to any reason no compensation will be payable. 6.The work will be carried out in day time between sun rise to sun set only and the contractor must ensure that during the course of work as well as after the days work track is fit for movement of traffic. 7.No compensation towards any accident what so ever will be paid by the Railway. 8.Packing will conform to para 224 , item (1) &amp; (2) of Indian Railway P.Way Manual. 9.The work may be started from the length of the section according to the need of the Railway and as directed by PWI In-charge. The contractor shall be bound to execute the work accordingly. 10.Medical facilities, housing and watering arrangement for contractor's labour and his staff will be arranged by the contractor. 11.The track will be handed over in perfect condition i.e. level gauge's alignment, packing and boxing should be proper before the work ends finally. 12.The work will be done under speed restrictions to be imposed by sectional PWI. Caution signalman will be provided by the Railway. 13. Contractor will use 20mm size screening mesh for screening work. 14.Wooden blocks and wedges required for the work will be supplied by the contractor at his own cost. 15.No two consecutive sleepers shall be tackled at a time. 16.Work will be stopped in perfectly safe condition at east 06 minutes earlier before passenger of every train. 17.The length of the track will be taken open or different operations of Deep screening etc. as per the direction of the Engineer at site. 18.Deep screening must proceeds changing of sleepers, Deep screening and re-sleepering shall not be done simultaneously at a particular location.</p>	No	No	Not Allowed
1.1	<p>Prevention of accidents, where vehicles are permitted to ply adjacent to the running line experienced Gangman shall also be posted by the Railway as Flagman at the cost of the contractor to prevent accidents and the amount towards wages of the Flagman will be recovered from the contractor's bill. 20. If there is any conflict between conditions nominated in the "special condition" contained herein and which appear in the pamphlet and schedules reformed in the former shall be observed. 21.Any further clause or remarks added in the tender form by the contractor will disqualify his tender. In case of any remarks required to be added that should be done in a covering letter. 22.No enhancement over the accepted rates will be allowed in any case of any subsequent enhancement of Railway freight, Govt. Duty Taxes of any sort, levey of new taxes rise in wages and prices of materials etc.. The points should be taken into account while quoting rates. 23.The contractor must abide by and comply with the provisions and Rules of contract Labour (Regulations and Abolition) Act. 1970 and Central Rules- 1971. 24.The contractor shall be responsible for adequate supervision of the work as regard safety of track , train and travelling public, proper care and custody of Railway Materials and any other Govt. property handed over to be the concerning PWI till it is returned back to PWI concerned at his/their stores and properly stacked at place indicated by PWI concerned. In the event of loss of any materials, the cost thereof shall be recovered from the contractor at issue rates plus the present codal charge of 20.5% to this will be added an increase of 100%. 25.Deep Screening/Track Renewal works shall be allowed to be taken up by the contractor only after issue of " Permit to work" by a competent Railway Supervisor daily whenever work is in progress. 26.Adequate numbers of labourer are to be provided in the work by the contractor, during execution.</p>	No	No	Not Allowed

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2	<p><b>SPECIAL CONDITION AND SPECIFICATION FOR BRIDGE WORKS.</b>1.The tenderer are required to inspect the site and carry out careful examination so as to satisfy themselves as to the nature of work involved and facilities available at site. They should also note carefully all the existing structures and those under construction through other agency (if any), and should take adequate me protection to all such structures, including Railway track during course of execution of work under this contract. The rates quoted by the tenderer(s) and accepted by the Railway Administration must cover all such charges. 2.Railway land as existing and asseparable will be made available to the contractor free of charge for building their stores godown, camp office, girder casting/fabrication yard etc. The contractor shall make their own arrangement at their cost for leveling and dressing the ground or developing the land. 3.WATER: Water required for the work and also for drinking purpose should be arranged by the contractor from his own source and at his cost. If water from Rly's source is available near the site of the work the Rly may supply the same to contractor from one point only on Railway's usual charge and the contractor should arrange for extra pipe as may be required for distribution at his cost. Water used for cement concrete/RCC/PSC and all sorts of concrete work should be tested as per codal Provision for its suitability for the work and test report should be obtained initially from the approved Govt. laboratory at Contractor' s cost and submitted Sr. DEN/DEN in-charge of the work. Source of water should not be changed without prior approval of the Sr. DEN/DEN-in-charge. Locally available water, which is not suitable for concert work, may be allowed to be used for curing purpose only. 4.ELECTRICITY: The contractor shall make his own arrangement for electricity required for frunning machinery and illumination at his own cost. The Railway will recommend his application to the Civil Electricity Board/Company and render necessary assistance as possible. If the contractor is unable to get the supply from the Board/Company and Railway is required to supply, then supply, if available, will be provided at one Point from there the contractor will lay the distribution system to various points of work. Such supply made by the Railway will be as per standard terms and conditions applicable to outsiders as stipulated by the Chief Electrical Engineer, E.C. Rly. The railway undertakes no responsibility for shut down, load shading or failure of power supply and consequent help-up of work, idle labour, machinery etc. and no compensation, payment is admissible. The charges on account of electricity supplied, will be recovered from the contractors bills, but he will have to deposit in advance the installation charges etc. as will be fixed by the Electrical Department.</p>	No	No	Not Allowed
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3	<p>5.CORDINATION BETWEEN CONTRACTOR : The other works for bridge may be done simultaneously by the other agency of State Govt./Central Govt./Railway works of the other contracts are not hampered in any way, rather he should co-ordinate with the programs in consultation with the Engineer-in-charge of the work, so that the work of this contract as a whole is completed within the target fixed. In case of any conflict between the two contractors in respect of working facilities at site, the decision of the Engineer-in charge of the work shall be final and binding on both the contractors.</p> <p>6.DAMAGE TO ADJACENT PROPERTIES/WORKS : The contractor shall be held responsible for any damage of Railway/Public property including telephone line, cable etc., which may be caused by any of his action in connection with or in the execution of the work.</p> <p>7.SETTING OF THE WORK : The contractor shall arrange without any additional charges requisite number of men with all the equipments and materials as necessary for the purpose of setting out of the work. Similar arrangement will have to be made by him at the time of measuring the work whenever required to be carried out by the Engineer-in-charge of the work.</p> <p>8.LOCATION AND LEVEL : The contractor shall be responsible for correct the location, level and alignment according to the approved drawing notwithstanding that the Engineer-in-charge or his authorised representative shall have periodically checked the same.</p> <p>9.SUSPENSION OF WORK : Engineer-in-charge may order the contractor to suspend any work for any reason whatsoever and no compensation for such suspension of work shall payable to the contractor, However, the additional time of compensation for such suspension of work shall payable to the contractor, However, the additional time of completion of the work that extend may be sanctioned by the Railway Administration on written application of the contractor.</p> <p>10.NIGHT WORK : The contractor shall have to carry on with the work during night if considered essential to maintain he progress of the work and his quoted rates should be inclusive of any additional expenditure involved in the working at night. Such work should, however, not be made by the contractor at his cost.</p>	No	No	Not Allowed
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3.1	<p>11.The contractor must provide all plants and machinery with crew i.e. Drivers, cleaners and necessary consumable store like coal, fuel, oil, lubricating oils for Engine and provide adequate number of transport vehicle for bringing materials at site. They should undertake all temporary required for carrying out the work. The tenderer should a list of tools and plant in their possession for carrying out the work. 12.Shorting on all sides of foundation trench will have to be adopted where necessary and as will be directed by the Engineers to return earth, at Contractor's cost. 13.The work involved in head and/or track loading of materials and crossing tracks for which no extra payment will be made. The rate quoted should cover all such expenditure. 14.For unforeseen item of work for construction if required to be done, payment will be made by Rly's Schedule. of Rate 1996 with percentage above and below quoted by tenderer in schedule "B". If any items is not covered by the Schedule of Rate 1996 \, the rate for such work will be arrived at by analysis based on labour and materials rate provide in the schedule of rate 1996, the rate for such work will be arrived at by analysis base on labour and materials rate provided in the Schedule of Rate 1996 added by percentage quoted by the tenderer in the schedule 'B'. If no such analysis is possible from Schedule of Rates, the analysis will be made from prevailing market rates with 12 ½% contractor's overhead and profit. 15.The contractor shall provide all appliances, efficient and sufficient staff &amp; labour for setting out and shall set out the works and every part thereof and shall be responsible for the accuracy of the lines. Levels and dimensions of the work in accordance with the drawings, further drawings, directives or instructions issued at any time to him and every facility shall be given to the Engineer and all persons, , duly deputed or authorised by him in writing for checking the same. The Contractor shall also allow or amend any error in the dimensions, lines or levels to the satisfaction of the Engineer or his authorised representative without claming any compensation for the same. 16.The contractor shall make his own arrangement on his own sole account for procuring all materials (except than that are to be supplied by the Railway as per clause..... of the instructions to Tenderers) to be used on works under this Agreement with the Railway Administration. The rates quoted by him, against the Schedule of items, should be entirely inclusive so as to cover any purchase price and/or royalties and/or compensation for surface damage paid or payable by the contractor to land owners Mining authority etc. and all other charges incurred by him whatsoever including all lead, lift etc. 17.If the contractor enters on land not belonging to or held by the Railway Administration for collection or quarrying of materials or any other purpose whatsoever he shall make his own arrangements with the owner or owners of such land, with regard to, and shall be solely/personally liable for the payment of any purchase price and/or royalties and/or compensation for surface damage, and the Rly. Administration shall in no circumstance be purport to be made party to any such arrangements and be liable for any such payment and/or compensation. 18.The contractor will not be entitled to any compensation for any delay for execution of the work arising from delay from the Railway Administration side.</p>	No	No	Not Allowed
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4	<p>The delay so caused will be assessed and accepted by the Engineer and the contractor immediately for determining any extension of the time required to complete the work for which purpose only accepted period of delay will be taken into consideration. If the matter is not brought to the notice of the Engineer immediately such delays occur, no consideration for extension of time will be made later on. The contractor must accept as final and binding the decision of the Engineer-in-charge of the work. 19.QUALITY CONTROL : 19.1To ensure that the contractor used for the work, is exactly as per the approved designs, it is necessary for the contractor to have a small field laboratory with complete equipment at the site of work which will enable carrying out of standard tests for the quality of water, sand and aggregate etc. The rates should also provide for equipment for casting, curing and testing of sufficient number of 6" cubes. Testing of the cubes should be got done through Alipore Test House or any other approved Government Testing Laboratory as and when necessary, Periodical casting of water may also be got done through Alipore Test House or any other approved Government. Testing Laboratory if asked for by Engineer-in-charge will depute his supervisory staff to supervise the work in the field laboratory. 19.2The Concrete work shall be done in accordance with Indian Railway Standard code of Practice for plain reinforce and pre-stressed concrete for general bridge construction (Concrete Bridge Code) or IS-456-2000 or relevant IRC codes as applicable. 19.3All concrete items will be measured without any reduction for the volume of reinforcement as and steel structural. 19.4Concrete will be as per IS code (IS-456-2000). All concrete should be vibrated except for concrete placed in water for the bottom plug. Strength specified for various concrete in Schedule of Items is for 28 days strength. 19.5The mix of all controlled concrete to be used shall be designed suitably as per IS-10262-1982 to meet requirements or strength and economy. Number of cubes may be made by trail mixes and tested to ensure the proper strength of the concrete.</p>	No	No	Not Allowed
5	<p>20.AGGREGATE AND SAND : Periodical sieve analysis of the aggregate and sand will be carried out as necessary to ensure that the percentage of different sizes of aggregate and sand do not vary from the worked out during designing the concrete Mix 21.WORK TESTS AND STANDARD OF ACCEPTANCE: Number of cubes to be taken and tested should be in accordance with the provisions made in IS code 456-2000 and the results should satisfy the minimum requirements given therein. 22.The work under Rly. Traffic temporarily or by blocking Rly. Traffic, should be carried out under the supervision of Engineers/Supervisors of the contractor who have adequate experience of carrying out such works. 23.The contractor should carry out the work in such a way that would ensure safety to Railway Traffic and Railway properties. The works whose execution is having safety implication, work should be carried out only under the direct supervision of competent Bridge Supervisors from Railway. 24.BLOCK REQUIRED: The contractor should specify the requirement of temporary block required for the work. Temporary blocks will be arranged by the Engineer-in-charge of the work. Temporary blocks will be arranged by the Engineer-incharge of the work for the minimum period as suits the operating Department of the Railway.25.The contractor shall keep sufficient stand-by equipment like mixer vibrator etc. for concrete work so that concreting is not affected by break down of tools and plants. 26.On C.C. or R.C.C. work, no cement plaster shall be permitted. The shuttering with cement/line plaster finish may be adopted for roof slabs, lintels etc. 27.Where the concrete is cast on ground i.e. in foundation, bottom slab of R.C.C. Box etc. a water proof film of polythene shall be spread on the ground after ground is leveled and compacted, to prevent soaking of moisture/water of the concrete into the ground. 28.All the materials like aggregate, sand and bricks shall be as per specifications laid down in GCC Before use, all materials shall be approved by the Engineer-at-site, Before use, they shall be cleaned of all mud, muck, grit etc.and shall be washed with clean water, if directed by Engineer, before use. 29.ADMIXTURE: Admixture confirmed as per RDSO guideline (Report No. BS-25) may be used in concrete with Engineer's prior approval, if required. 30.For excavation in foundation, contractor shall ensure stability and safety of foundations as detailed in chapter I (d) and (g) of part II at P.41 to 45 of Standard Specification 1969 31.Weep holes shall be kept in wing well and abutment of bridges by placing thick gauge 50mm dia PVC pipe in the concrete before casting spaced 1.0mm vertically &amp; horizontally staggered. No deduction in volume of contract will be made.</p>	No	No	Not Allowed

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**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	Instructiontotenderers-USSOR-2012MSOP-2018GCC-April-2022CorrigendumNo.1.pdf	Instruction To Tenderer

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:** INDRESH KUMAR

**Designation :** Sr.DEN/3/ECR/DHN