

**ER-CAO-C-HQ-ENGG/EASTERN RLY  
TENDER DOCUMENT**

Tender No: DCE-CON-I-06-OF-2022-23

Closing Date/Time: 31/10/2022 15:00

DY CE/CON/I/SDAH/ER acting for and on behalf of The President of India invites E-Tenders against Tender No **DCE-CON-I-06-OF-2022-23** Closing Date/Time 31/10/2022 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

**1. NIT HEADER**

<b>Name of Work</b>	Balance Earthwork in formation, blanketing, construction of RCC bridges, residual track linking and other miscellaneous P.Way works in connection with restoration of rail link between Azimganj Jn. to Murshidabad station under Dy.CE/Con/I/Sealdah jurisdiction.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	31/10/2022 15:00	<b>Date Time Of Uploading Tender</b>	08/10/2022 14:40
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	89378057.93	<b>Tendering Section</b>	SDAH/CON/I
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	596900.00	<b>Validity of Offer ( Days)</b>	45
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	5 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	17/10/2022	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 01-Schedule A-I</b>							17373620.00	Above/ Below/Par
1	Please see Item Breakup for details.				17373620.00	AT Par	17373620.00	
<b>Description:- SCHEDULE OF ITEMS FOR EARTHWORK</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 02-Schedule A-II</b>							10479000.00	Above/ Below/Par
2	Please see Item Breakup for details.				10479000.00	AT Par	10479000.00	
<b>Description:- SCHEDULE OF ITEMS FOR BLANKETING</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 03-Schedule A-III</b>							3394550.00	Above/ Below/Par
3	Please see Item Breakup for details.				3394550.00	AT Par	3394550.00	
<b>Description:- SCHEDULE OF ITEMS FOR MISC. WORKS</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 04-Schedule A-IV</b>							17719223.00	Above/ Below/Par
4	Please see Item Breakup for details.				17719223.00	AT Par	17719223.00	
<b>Description:- SCHEDULE OF ITEMS FOR P.WAY WORKS</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 05-Schedule A-V</b>							12476000.00	Above/ Below/Par
5	Please see Item Breakup for details.				12476000.00	AT Par	12476000.00	
<b>Description:- SUPPLY OF BALLAST</b>								

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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 06-SCHEDULE B-I(A)</b>							1094376.80	Above/ Below/Par
6	Please see Item Breakup for details.				411419.85	166.00	1094376.80	
<b>Description:- SCHEDULE OF ITEMS FOR BRICK WORK (AS PER USSOR 2011)</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 07-SCHEDULE B-I(B)</b>							3761667.02	Above/ Below/Par
7	Please see Item Breakup for details.				2044384.25	84.00	3761667.02	
<b>Description:- SCHEDULE FOR ITEMS OF CC, RCC (AS PER USSOR 2011)</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 08-SCHEDULE B-I(C)</b>							2619145.24	Above/ Below/Par
8	Please see Item Breakup for details.				1954586.00	34.00	2619145.24	
<b>Description:- SCHEDULE FOR ITEMS OF STRUCTURAL STEEL WORKS (AS PER USSOR 2011)</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 09-SCHEDULE B-I(D)</b>							13141640.87	Above/ Below/Par
9	Please see Item Breakup for details.				7685170.10	71.00	13141640.87	
<b>Description:- SCHEDULE FOR ITEMS OF MISC. WORKS (AS PER USSOR 2011)</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 10-SCHEDULE B-I(E)</b>							1702590.00	Above/ Below/Par
10	Please see Item Breakup for details.				298700.00	470.00	1702590.00	
<b>Description:- SCHEDULE FOR ITEMS OF P.WAY WORKS (Based on L&amp;M schedule - 1987)</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 11-SCHEDULE B-II(A) (As per USSOR 2011)</b>							695000.00	Above/ Below/Par
11	Lump Sum				500000.00	39.00	695000.00	
	<b>Description :-</b> Overall percentage increase/decrease over the rates of Eastern Railway under Sealdah division of Eastern Railway Unified Standard Schedule of Rates(Works & Materials)-2011 can be executed under this schedule. Note: (1) Any item of Eastern Railway Unified Standard Schedule of Rates(Works & Materials)-2011 can be executed under this schedule except those items which are listed in annexure of Schedule A-I, A-II, A-III, B-I(a), B-I(b), B-I© & B-I(d). (2) Only one percentage is to be quoted. (3) All the materials/conditions for works under this schedule will be given at the top of each Chapter in Eastern Railway Unified Standard Schedule of Rates(Works & Materials)-2011 in the following modifications:- i) All the water to be used in works shall be of appropriate quality & shall be supplied by the contractor at site of requirement, Railway shall not supply the same. ii) The materials which are to be supplied by Railway in IOW's stores from where the contractor will transport the same to site & return excess materials to the said stores without any separate payment for lead, loading & unloading. The contractor shall include such expenses in the overall percentage. iii) Railway shall not supply any equipment, tools & machineries. iv) Work under the schedule will be executed after getting work-order approved by Engineer-in-charge.							

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 12-SCHEDULE B-II(B) (Based on L&amp;M schedule - 1987)</b>							564000.00	Above/ Below/Par
	Lump Sum				100000.00	464.00	564000.00	

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12	<p><b>Description :-</b> Overall percentage increase/decrease over the rates of Eastern Railway under Sealdah division of Eastern Railway L &amp; M Schedule 1987 (Labour &amp; Material) can be executed under this schedule. Note: (1) Any item of Schedule of Labour &amp; Materials Rate, 1987 can be executed under this schedule. (2) Only one percentage is to be quoted. (3) All the materials/conditions for works under this schedule will be as given at the top of each Chapter in L&amp;M Schedule 1987 in the following modifications. i) All the water to be used in works shall be of appropriate quality &amp; shall be supplied by the contractor at site of requirement, Railway shall not supply the same. ii) The materials to be supplied by Railway shall be supplied by the Railway in SSE/Con store at SDAH/KPA/BT. from where the contractor will transport the same to site &amp; return excess materials to the said stores without any separate payment for lead loading &amp; unloading. The contractor shall include such expenses in the overall percentage. iii) Railway shall not supply any equipment, tools &amp; machineries. iv) Work under the schedule will be executed after getting work-order approved by Engineer-in-charge.</p>
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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 13-SCHEDULE C-I</b>							2201745.00	Above/ Below/Par
13	Please see Item Breakup for details.				2201745.00	AT Par	2201745.00	
<b>Description:- SCHEDULE FOR ITEMS OF SUPPLY OF CEMENT</b>								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule 14-SCHEDULE C-II</b>							2155500.00	Above/ Below/Par
14	Please see Item Breakup for details.				2155500.00	AT Par	2155500.00	
<b>Description:- SCHEDULE FOR ITEMS OF SUPPLY OF REINFORCEMENT STEEL</b>								

**3. ITEM BREAKUP**

Schedule	Schedule 01-Schedule A-I					
Item- 1	SCHEDULE OF ITEMS FOR EARTHWORK					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Earthwork in cutting in formation, catch/side drain, level crossing approach, platform etc. including dressing/finishing to required dimension and slope to obtain standard profile as per approved drawing. The rate shall be inclusive of all lead, lift, crossing of drain/track etc and placing spoil in dump area or outside railway land or in Rly embankment upto a free lead of 100m as directed by Engineer-in-charge complete in all respect. Note:- (i) The work shall include bailing/pumping out of water if required. (ii)The contractor will provide all labour, tool and plant, incidental charges etc. if required. (iii) Payment will be made as per finished cross section executed at site. (iv) All usable earth arising from cut spoils shall be lead into bank upto free lead of 100 m. Unusable spoils shall be dumped out with all lead & lift as directed by Engineer-in-charge. (v) The item of cutting and filling in formation will involve felling of trees along with pruning of trees as required. They will be responsible for cutting and removing of trees in safe manner as per direction of Engineer-in-charge. The trees felled will be property of Railway and nothing extra will be paid in this account. They will keep this element in view while quoting his rates against this item. Railway will only provide permission from forest officials to cut of such trees. (vi) Work should be carried out as per RDSO's latest guideline (Specification No. RDSO/2020/GE: IRS-0004, Sept'20)	10 cum	6000.00	820.00	492000.00

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2	02	Earthwork in filling in embankment, trolley refuges, level crossing approaches, platform, plinth, pond/ditches, back side of retaining wall, approach road etc. with all classification of approved soil done in layers with breaking of all size of clods, filling of loose pockets, voids and hand ramming as directed by Engineer-in-charge complete in all respect and RDSO's latest guidelines, specification No.RDSO/2020/GE:IRS-0004, Sept'2020. With usable earth obtained from cut spoil vide item 1 above upto 800m av. lead and all lift above free lead of item 1 as per site condition."	10 cum	5000.00	513.00	256500.00
3	03	Extra over item 02 for each additional lead of 800m or part thereof over initial lead (800m +100m) as per site conditions.	10 cum	3000.00	417.00	125100.00
4	04	Earthwork in filling in embankment, trolley refuges, level crossing approaches, platform, plinth, pond/ditches, back side of retaining wall, approach road etc. with all classification of approved soil done in layers with breaking of all size of clods, filling of loose pockets, voids and hand ramming as directed by Engineer-in-charge complete in all respect and RDSO's latest guidelines, specification No.RDSO/2020/GE:IRS-0004, Sept'2020. With contractor's earth of approved quality and specification obtained from outside Rly land with all lead, lift as per site condition. Note: (i) 25 % variation limit shall not be applicable to these items if more than one item is operated as these items may vary widely depending on quantity and nature of soil released from cutting vide item 1. (ii) All the usable cut spoils obtained from cutting shall be laid to bank if found economical. (iii) Earthwork shall be done strictly in accordance provision of RDSO Guidelines, GCC & additional special condition and specification given in the tender document. (iv) Payment of royalty, cess, taxes, cost of earth and any other incidental charges are to be borne by the contractor and the quoted rate should include all such charges. Any variation of these charges during execution of the work are to be borne by the contractor. Railways will not entertain any claim on this account. (v) The contractor shall establish field laboratory with all equipment for conducting required soil tests and compaction tests at site as per RDSO' latest guideline. (vi) Samples of earth along with its test results as prescribed and slope analysis results shall be submitted to the Engineer-in-charge for approval before making the embankment. (vii) The contractor shall take undisturbed samples as per IS 2132 1986 of the parent soil over which the embankment shall rest and shall conduct prescribed laboratory test to enable analysis of stability of the base to assess its long term stability and distance of borrow pits etc. test results and technical observations should be submitted for approval of the engineer incharge. (viii) The temporary service road, if required for transportation of earth to be constructed and maintained by the contractor at his own cost. (ix) The payment will be done based on cross section measurement only after compaction i.e. execution of item No.3 and lead if applicable will be measured based on c.g. of earth moved. (x) Before quoting the contractor should inspect the site to assess the lead, site condition etc. (xi) Before undertaking the earthwork involving movement of machinery, equipments, road vehicles etc in the vicinity of existing track, the contractor shall ensure protection of track providing barricading as per direction of engineer at site as per relevant item for which payment will be made separately under that relevant item.	10 cum	33000.00	4005.00	13216500.00

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5	05	Extra for mechanical compaction for the earthwork in embankment with contractors 10 to 12 ton cap. vibratory roller in layers not exceeding 300mm in order to achieve the required density. The rate shall include all incidental charges, testing soil in laboratory, sprinkling of water if required complete in all respect. Note: (i) If due to site constraints mechanical compaction is not possible, by roller, the work shall be done with mobile plate vibrator of adequate capacity. (ii) The work shall be done strictly as per RDSO's guidelines and additional conditions and specifications of the tender. (iii) Payment shall be made as per finished cross-section.	10 cum	38000.00	154.00	585200.00
6	06	Mechanical compaction on formation in cutting with contractor's equipments (8-10 M/T cap. roller) labour, fuel, incidental charges. The rate is inclusive of drying/sprinkling of water to earth surface as per requirement to obtain the designed level of compaction (minimum 20 passes of roller is required).	10 Sqm	8000.00	57.00	45600.00
7	07	Turfing of surface area of newly constructed embankment slopes with green sods 50 mm thick as approved by the Engineer-in-charge. The rate includes purchase price of sods, its transportation, leading, lifting and watering safeguarding the same until properly rooted through the embankment soil.	100 Sqm	98250.00	1112.00	1092540.00
8	08	Supplying & driving hard wood pile 5 to 7 m. long without joint of 125 mm average dia. for protection of bank slope if required. The rate includes supplying and erecting derricks and monkies for driving pile in any type of soil. The rate includes costs of all material, labour, lead, lift and two coats of coal tar paint complete in all respect. Note: (i) Payment will be made as per actual length of pile supplied at site. Driving shall be done to the required depth as directed by Engineer-at-Site. (ii) All sorts of safety aspect/precaution to be taken by the contractor at his own risk and cost during execution of work by the side of running track and over-head live wires. (iii) Each pile shall be of average diameter 125mm. The average diameter of a pile will be considered as average between actual diameter measured at top (head) and bottom of ballah pile.	Metre	1000.00	205.00	205000.00
9	09	Supply, fitting, fixing signages made of ACP approx. 2mm thick including pasting of vinyl cutting/printing on the same to be fitted with necessary fixing arrangement including screw, lead lift etc. complete in all respect.	Sqm	50.00	4879.00	243950.00
10	10	Supplying, fitting, fixing Retro Reflective film/sheet as per ASTM D 4956 standard high density Retro Reflecting sheeting on 2 mm thick aluminium alloy sheet conforming to IS-737 as backing materials for making Engineering indicator as per IRPWW, signage & station name board etc. The rate includes cost of all materials, labour consumables, taxes, transportation, lead, lift, crossing of track etc. complete in all respect. NOTE: This item is to be operated as specific written instruction of site engineer about location and quantity.	Sqm	50.00	11266.00	563300.00

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11	11	Manufacturing, fitting, fixing and erecting height gauge and rail barrier at L.C. Gates with 2nd hand rail, ISMC & other steel section, with supply of required Nuts & Bolts as per Rly. approved drawing and fixed in cement concrete foundation in proper line and level with contractors' own labour tools and plants. Observing all safety measures of running vehicles as per instruction of Railway representative at site. Rails & distant block will be supplied by the railway from the railway store. The contractor will have to transport the same to site of work within quoted rate, Additional structural Steel if required to be supplied by the contractor for which payment will be made under relevant item.	MT	30.00	6131.00	183930.00
12	12	Supply and making of barricade for protection of running train from the working area of new bank during plying of earth moving equipments, or any other machineries. The barricading will be done by vertical post of ballah of approx. 100mm dia. at centre to centre distance of 3 m & 3.5 m from the centre line of running track at a height of 1.25 m from existing rail level of running track with suitable foundation minimum 750mm depth from ground level to sustain the alignment as per instruction of engineer in charge at site. For the horizontal members in five layers of the barricading of bamboo/ballah approx. 75mm dia and fixing properly with nails & wire as per CAO/CON drawing No. 20/2013. Demarcating tape clearly visible during night will also to be fixed. The same set up will remain in working condition by replacing the damaged members if required till linking of track. Cost also includes all materials, labours erecting, fixing and maintenance during the entire service period and also removal of the same from the site after completion of service period. Barricading should be dismantled only after written instruction of engineer at site.	Metre	2000.00	182.00	364000.00
					<b>Total</b>	<b>17373620.00</b>
<b>Schedule</b>	Schedule 02-Schedule A-II					
<b>Item- 2</b>	SCHEDULE OF ITEMS FOR BLANKETING					
<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>

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1	01	Supply of approved quality of crusher stone dust as per RDSO Specification No. RDSO/2020/GE: IRS-0004 September-2020 and spreading into the formation in layers and also compacting the same to required specifications and profiles including all lead, lift, crossing of track/road. The cost also include compaction, watering, compacting machine, cost of all laboratory establishment and test of samples as necessary including taxes, royalties and incidental charges. Stone dust is to be transported by contractor's road vehicle from quarry to site of work including loading, unloading spreading and compaction. " Note:- (i) Blanketing materials primarily comprise of well-graded granular material such as quarry stone dust, coarse grained soil as per RDSO latest Specification No. RDSO/2020/GE: IRS-0004 dt. Sept'20 (ii) The material should be obtained from nearest approved quarry i.e. Pakur/ Rajgram /Nalhati/ Rampurhat etc. (iii) The rate shall include cost of material, labour, loading, unloading, spreading, transporting it as specified and testing and all other charges required to complete the work. (iv) Final payment shall be made after completion of the formation profile in all respect on the basis of volume measurements by cross-section method. (v) The above item is to be executed in the location as mention in the 'name of work'. (vi) Before undertaking the blanketing work involving movement of machineries, equipments road vehicles etc in the vicinity of existing track, the contractor shall ensure protection of track as per direction of engineer at site. (vii) Quality of blanket material (stone dust) shall conform to RDSO's latest guideline and Specification. Any deviation, in the guideline /specification based on logic/local condition, can be permitted with the approval of PCE/CAO(Con) only. (viii) The testing of blanketing material will be done for every 500 m3 as per RDSO's latest guideline (i.e. as per table- 7.2, Pg. No.- 72-73 of RDSO/2020/GE: IRS-0004, Sept'20) .The Rly reserves the right, to get the blanket material tested from approved laboratory. Only Railway will decide as to where the blanket sample test will be done. The charges of blanket material testing from laboratory will be borne by the contractor each and every time. The contractor will provide all requisite BIS sieves at site to do grain size analysis at field/site laboratory and field/site lab should be manned adequately by contractor at his own cost with trained technical person (QA/QC Engineer) capable of carrying out required investigation, blanket materials testing and quality control at site with all documentation work. The Engineer-in-charge or his representative will conduct grain size analysis at site.	cum	7000.00	1497.00	10479000.00
					<b>Total</b>	<b>10479000.00</b>
<b>Schedule</b>	Schedule 03-Schedule A-III					
<b>Item- 3</b>	SCHEDULE OF ITEMS FOR MISC. WORKS					
<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	01	Supplying & placing in position back fill materials behind abutment wing wall & return wall /below foundation of box bridge as per para 7.5 of bridge of sub structure & foundation code with materials of G.W., G.P., S.W. groups as per IS 1498-1970. The rate is inclusive of all cost of all materials transport labour & other tools & plants etc. required to complete in all respect. Note:- Work to be done as per Rly Bridge sub-structure and foundation code.	cum	1500.00	1519.00	2278500.00

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2	02	Straightening, cutting, bending, binding and placing in position of reinforcing steel as per drawing or direction of Engineer in charge including cost of binding wire & labour complete in all respects. This item is to be operated for RCC works executed under ERUSSOR, 2011.	MT	25.00	7193.00	179825.00
3	03	Supplying unskilled labour for providing assistance in day to day working of officers & site engineers under Dy.CE/Con/I/Sealdah. Competent labour should be provided for safety related works. Rate includes supply of a full set of First Aid Box at work site by the contractor at his own cost.	Numbers	1000.00	509.00	509000.00
4	04	Supplying and fixing of safety chains of links made of approx. 8mm dia or/and above 8mm dia M.S.Rods in L.C.Gate with provision of 50mm dia rings of both ends of the chain and making hooks in gate posts for locking arrangement.	Metre	100.00	685.00	68500.00
5	05	Manufacturing, supplying, transporting, erecting, fitting standard lifting barrier in L.C. Gate on road with all accessories such as beam, links, winches with handles, stand, special winches, balancing C.I. Weights, flexible wire ropes, boom rest pipe 3"/80mm dia with holding sockets, holding down bolts, complete in all respects with all lead, lift, labour & materials etc. Payment for earthwork in excavation in foundation shall be made in separate items. The lifting barrier and its accessories are to be manufactured, assembled, erected & tested in position as per drawing supplied by railway as directed by engineer at site. Supply of lifting barrier & accessories should be taken from RDSO approved firms ( 1 set means 2 Nos. of lifting barriers for one gate).	Set	1.00	266767.00	266767.00
6	06	Supplying, fitting & fixing boom locking devices in LC gates to be operated by hand lever fixed in position with C.C. foundation including supply & fixing holding down bolts. The boom locking device should be made of following :- i) M.S. Bracket duly fabricated ii) Arch lever iii) Flexible wire ropes of 6mm dia. iv) Pullies, vertical & horizontal wheels. v) Fire adjusting screws, thimble, sleeves, nuts & bolts as required. The rate should include two coats of oil painting and oiling. All materials shall be supplied by the contractor. (Payment for earthwork in excavation and cement concrete in foundation shall be made in separately under relevant item. vi) One round initial packing to make track fit for 20 Kmph speed.	Set	1.00	74958.00	74958.00
7	07	Dismantling of existing rail barriers, rail posts, height gauge, L-xing gate and stacking the same properly at nearest suitable place within the free lead upto 300M as directed by Engg-at-site. All works complete in all respects including breaking, cutting with saw or gas cutter as directed by the Engineer-at-site. The rate includes cost of cutting out rivets, bolts and nuts as may be necessary. Transporting of materials to PWI/IOW's store or any other railway store depot beyond 300m will be paid in separate item if required.	MT	10.00	1700.00	17000.00
					<b>Total</b>	<b>3394550.00</b>
<b>Schedule</b>	Schedule 04-Schedule A-IV					
<b>Item- 4</b>	SCHEDULE OF ITEMS FOR P.WAY WORKS					
<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>



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1	01	Linking of BG track along straight/curved alignment with single rail / 3 rail panel/10 rail panel/ 20 rail panel with standard fitting and fastening to make standard BG track as per IRPWM with / without traffic block. 60 Kg/52 kg /90 R rail on PSC sleeper with sleeper density 1660 per km Note: The work includes:(i)Collecting, laying of P.Way materials with a free lead of 300 m. (ii)Delinking of rail with Jim crow if required. (iii) Pairing & butting of rails/panels. (iv) Squaring of rail joints (v)Sleeper spacing, squaring, Gauging, Levelling, aligning of track as per IRPWM within tolerances. (vii) Painting of sleeper spacing mark on web of rail including station marking for versine & super elevation indicating respective values on curved track on inner rail. (viii) One round initial packing of track to make track fit for 20 KMPH speed. (ix) Cleaning & Lubrication of rail joints fish-plates, bolts & nuts, E.R.C.s, inserts, under liners etc. by grease graphite of IS-408-1981, Grade "O" including supply of grease graphite of G "O" free of cost. (x) Cutting of rails and drilling of holes where ever required. (xi) Payment @ 40% of accepted rate will be paid to the contractor after laying of rails & sleepers without fastening before welding if required.	Track metre	4000.00	317.00	1268000.00
2	02	Assembling and insertion of 52kg/60Kg points and crossing and other assembly with or without T/ block on running/non-running track for 1 in 12 fan shaped assembly on concrete sleeper .	Set	5.00	30964.00	154820.00
3	03	Assembling and insertion of 52kg/60Kg points and crossing and other assembly with or with out T/ block protection for 1 in 8.5 fan shaped assembly on concrete sleeper .	Set	2.00	29235.00	58470.00
4	04	Assembling and insertion of 52kg/60Kg Trap switch on wooden sleeper/ concrete sleeper on running/Non-running track under with or without traffic block.	Set	5.00	6550.00	32750.00
5	05	Assembling and insertion of 52kg/60Kg SEJ on wooden/concrete sleeper on running /non running line with or without T/block. Note for Item No. 2 to 5 above. The work includes - (i) Assembling/insertion of points and crossing,& other assembly etc. as per IRPWM with all components and fittings and fastenings within the free lead of 300m with all lift, crossing of any no of tracks etc. (ii) Gauging, levelling ,aligning etc as per standard specification (IRPWM) (iii)Marking of sleeper number and position with white paint on black base on the rail flange. (iv)Insertion of fibres/fiberless in block joints where ever required. (v)Insertion of insulated Gauge Tie Plates,stretchers bars, hand lever, etc. (vi)The work includes cutting of rails,drilling holes where ever required for assembly and insertion of points & crossing or other assembly. (vii) Cleaning & greasing of rail joints fish-plates, bolts & nuts,E.R.C.s, inserts etc. (viii)P.way materials like switches, crossings, P.S.C./wooden sleepers will be supplied by railway. Lead in excess of 300m will be paid separately under relevant item. All other small fittings required for item No.2 to 5 will be supplied by railway at PWI's store and payment for transportation will be made separately. (ix) One round initial packing & track to make track fit for 20 KMPH speed.	Set	18.00	3416.00	61488.00
6	06	Dismantling of existing track 52 kg/ 90R/ or any other rail section on any type of sleeper with or without BLOCK PROTECTION for Standard BG Track	Track metre	500.00	173.00	86500.00
7	07	Dismantling of Pts. and Xing and other elements of 52 kg/ 90R/ or any other rail section on any type of sleeper with or without BLOCK PROTECTION for Points and crossing 1 in 12	Set	1.00	18954.00	18954.00

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8	08	Dismantling of existing track ,Pts. and Xing and other elements of 52 kg/ 90R/ or any other rail section on any type of sleeper with or without BLOCK PROTECTION for Points and crossing 1 in 8.5	Set	1.00	20931.00	20931.00
9	09	Dismantling of 52 kg/ 90R/ or any other rail section on any type of sleeper with or without BLOCK PROTECTION for Trap Switch Note for Item No. 06 to 09 above. The work includes- (i) Separating of all fittings & fastenings as per direction of engineer or his representative. (ii) Opening of track by removing of soil, muck, ashes etc.above top of sleepers if required,which will be paid separately under item no 32 . (iii) Classification, segregation of serviceable & unserviceable materials and stacking of those as per direction of engineer or his representative at site within free lead of 100 metre and crossing of any no running lines. (iv) Clearing and levelling of area below track after removal of track if required.	Set	3.00	9433.00	28299.00
10	10	Through packing of BG track and other assembly on any type of sleeper with any sleeper density to specified tolerances as per para 224 of IRPWM for Standard BG Track with any type of sleeper straight/curved. (UNIT WILL BE CONSIDERED AS TRACK METRE/ROUND)	Track metre	26000.00	46.00	1196000.00
11	11	Through packing of 1 in 12 points and crossing on any type of sleeper as per para 224 of IRPWM. (UNIT WILL BE CONSIDERED AS EACH SET PER ROUND)	Set	20.00	6775.00	135500.00
12	12	Through packing of 1 in 8.5 points and crossing on any type of sleeper as per para 224 of IRPWM. (UNIT WILL BE CONSIDERED AS EACH SET PER ROUND)	Set	4.00	6891.00	27564.00
13	13	Through packing of Trap Switch on any type of sleeper as per para 224 of IRPWM. (UNIT WILL BE CONSIDERED AS EACH SET PER ROUND) Note for Item No 10 to 13 (i) The rate should include cost of all labour tools & plants etc. (ii) The work must be carried out upto the satisfaction of the engineer/engineer's representative at site. (iii)The rate should also include slewing for rectification of alignment, proper boxing & dressing of track.	Set	15.00	4642.00	69630.00
14	14	Slewing of track/Realignment of curve to achieve specified alignment, gauge, level etc complete in all respect for Slew upto 300mm	Track metre	600.00	73.00	43800.00
15	15	Slewing of track/Realignment of curve to achieve specified alignment, gauge, level etc complete in all respect for Slew upto 600 mm	Track metre	400.00	76.00	30400.00
16	16	Slewing of track/Realignment of curve to achieve specified alignment, gauge, level etc complete in all respect for Slew upto 1000mm Note for Item No. 14 to 16 above (i) Work includes one round of through packing after slewing to make the track fit for 30 kmph. (ii) Opening of track by removing of soil,muck,ashes etc.above top of sleepers if required,which will be paid separately under item no 32. (iii) Collecting, picking and spreading of ballast on new alignment.	Track metre	200.00	89.00	17800.00
17	17	Lifting of BG track and other track element on any type of sleepers as per specified tolerance upto 150 mm WITHOUT BLOCK PROTECTION complete in all respect for connecting old existing track for Standard BG track	Track metre	6500.00	54.00	351000.00
18	18	Lifting of Points and crossing 1 in 12 (Fan shaped ) complete in all respect.	Set	5.00	9213.00	46065.00
19	19	Lifting of Points and crossing 1 in 8.5 (Fan shaped ) complete in all respect. Note for Item No. 17 to 19 above (i) After lifting work track should be fit for 20 kmph	Set	2.00	7267.00	14534.00

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20	20	Unloading of stone ballast from any type of railway wagons WITHOUT TRAFFIC BLOCK and spreading the same uniformly on track as per direction of engineer at site with lead upto 100m. Note: The work includes- (i) During and after unloading all heap and infringement to traffic to be removed. (ii) Closing of doors of unloaded wagons (iii) During the block contractor should employ watch men to ensure safety of his men as well as traffic. (iv) Proper lighting arrangement to be made if unloading is done at night. (v) Payment will be made as per measurements of wagons at the destination/location of unloading.	cum	8000.00	114.00	912000.00
21	21	Unloading of stone ballast from any type of railway wagons UNDER TRAFFIC BLOCK and spreading the same uniformly on track as per direction of engineer at site with lead upto 100m. Note: The work includes- (i) During and after unloading all heap and infringement to traffic to be removed. (ii) Closing of doors of unloaded wagons (iii) During the block contractor should employ watch men to ensure safety of his men as well as traffic. (iv) Proper lighting arrangement to be made if unloading is done at night. (v) Payment will be made as per measurements of wagons at the destination/location of unloading.	cum	2000.00	132.00	264000.00
22	22	Transportation of all types of P.Way materials i.e. ordy. P.S.C. sleeper, P.S.C.turn out sleeper, points & crossings, Rails, derailing switches. Elastic rail clips, fabricated structural steel, fuel /oil and other small fittings by road transport for Lead upto 25 km	MT-Km	70000.00	24.00	1680000.00
23	23	Transportation of all types of P.Way materials i.e. ordy. P.S.C. sleeper, P.S.C.turn out sleeper, points & crossings, Rails, derailing switches. Elastic rail clips, fabricated structural steel, fuel /oil and other small fittings by road transport for Lead more than 25 Km. but less than or equal to 60 Km. including initial lead of 25 Km.	MT-Km	100000.00	21.00	2100000.00
24	24	Transportation of all types of P.Way materials i.e. ordy. P.S.C. sleeper, P.S.C.turn out sleeper, points & crossings, Rails, derailing switches. Elastic rail clips, fabricated structural steel, fuel /oil and other small fittings by road transport for Lead more than 60 Km. but less than or equal to 200 Km. including initial lead of 60 Km.	MT-Km	335000.00	8.09	2710150.00
25	25	Transportation of all types of P.Way materials i.e. ordy. P.S.C. sleeper, P.S.C.turn out sleeper, points & crossings, Rails, derailing switches. Elastic rail clips, fabricated structural steel, fuel /oil and other small fittings by road transport for Lead more than 200 Km. including initial lead of 200 Km. Note: The work includes - (i) Rate shall include cost of transport, octrai, tax etc if any. (ii) Rate shall include cost of loading, unloading & stacking with free lead of 100m. Payment will be made at the rate quoted in item (22) or (23) or (24) or (25), any one of the above item as per distance traveled to destination from originating station. (iii) This item to be operated against execution of relevant items in other Schedule of this tender.	MT-Km	200000.00	8.09	1618000.00
26	26	Fabrication of buffer, box/other type with New/SH, Wooden/ST Sleeper/rails as directed by site engineer including filling with earth, providing bolt nuts etc. and two coats of approved quality painting complete in all respect.	Each	2.00	4419.00	8838.00

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27	27	Making temporary water proof Goomty of size min 10'x10' with bamboo framing and turpoline cover on roof and three sides for a specific period as decided by Railways equipped with one table and 3 chairs, 20ltr drinking water/day for staff working during N.I etc. complete in all respect. The floor of the Goomty should be properly levelled and compacted to provide a neat surface.	Each	6.00	3463.00	20778.00
28	28	Leading SPL. Size PSC fanshaped sleepers for every 50m lead or part thereof in connection with handling/re-handling of PSC sleepers. for trolleying etc. (UNIT WILL BE CONSIDERED AS EACH LEAD PER SLEEPER)	Each	576.00	32.00	18432.00
29	29	Trolleying special size fan shaped PRC sleepers upto a distance of 1km with all lead, lift including crossing of multiple lines and stacking as per instructions of SSE/P.Way at site.	Each	480.00	57.00	27360.00
30	30	Trolleying special size released wooden/steel sleepers upto a distance of 1km with all lead, lift including crossing of multiple lines and stacking as per instructions of as per direction of engineer at site	Each	200.00	29.00	5800.00
31	31	Trolleying PSC track sleepers upto a distance of 3km with all lead, lift including crossing of multiple lines and stacking as per instructions of SSE/P.Way at site.	Each	4980.00	40.00	199200.00
32	32	Opening of track by removing of accumulated over burdened mud, muck, ashes etc. over track & its cess in existing yard lines to facilitate lifting, slewing dismantling etc. The rate should include cost of all labours, tools & plants and also disposal of mud, muck as per direction of engineer at site by contractor's own arrangements with all lead, lift etc.	Track metre	500.00	69.00	34500.00
33	33	Pulling back of rails on P.S.C./Wooden/CST 9 sleepers after opening of fish plates and fittings for providing required gap in each joint and re-fixing of fishplates, fittings after completion of work.	Running Metre	100.00	34.00	3400.00
34	34	Manufacturing, supplying & fixing of check rail M.S. bracket for 52/60Kg running rail along with manufacturing supplying & fixing of 25mm dia. nut bolts as per T-1156 M.S. bracket with minor modification on top of bracket where a slope of 1 in 2.75 will have to be provided so that it matches with fishing planes of rail head as per sample provided by Rly. M.S. plate to be used should be conforming to I.S.2062 manufactured by SAIL or similar approved company. Note : Main plate is 20mm thick & stiffener is 12mm thick.	Each	152.00	862.00	131024.00
35	35	Manufacturing, supplying & fixing M.S. distance block for 52kg/60kg check rails at level crossings as per R.D.S.O. Drg. No - T-4785.	Each	152.00	176.00	26752.00
36	36	Cutting, grinding & fixing of 52kg/60kg check rail, cutting and grinding has to be done along with the web of rails at a specified distance below the top table of the rail. The rate includes transportation of uncut rails from SSE/P.Way/con/SDAH's stores or from any nominated location to contractor's workshop and bringing back of the finished cut and grinded rails to the level crossings. The released foot of the rails should also be returned back and deposited at SSE/P.Way/con's store as per direction of SSE/P.Way at Site.	Metre	44.00	222.00	9768.00
37	37	Shaping and machining of check rail ends as per instructions of site Engineer at site. Note : Cutting, grinding of rails along the web will be covered by item No.36 (UNIT WILL BE CONSIDERED AS EACH CHECK RAIL)	Each	4.00	577.00	2308.00
38	38	Drilling of capsule shape hole in rail web of size 50mm X 28mm.	Each	76.00	47.00	3572.00

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39	39	Dismantling of wooden box buffer including uprooting wooden sleepers removal of fittings and cutting of filled up earth upto required level including disposal as per direction of engineer at site by contractor's own arrangement.	Each	2.00	1476.00	2952.00
40	40	Painting of rail one coat with red oxide ready mix oil bound primer. The rate includes scrapping of rail by the contractor tools & labour, supply of paints by the contractor.	Sqm	7500.00	34.00	255000.00
41	41	Painting cleaned rail surface with ready mix black bituminous paints conforming to IS:158 in two coats. The rate includes scrapping of rail by the contractor tools & labour, supply of paints by the contractor. Note:The rate includes supply of paints by the contractor.	Sqm	7500.00	28.00	210000.00
42	42	Making insulated rail joint in track circuited areas after opening of existing joint if required and fixing of insulated fibre in the gap and bolt holes and fixing of the fishplates with bolts & nuts. Cutting of rails & drilling holes will be paid separately if required. Note:-All materials required for insulated joint will be supplied by railway.	Each	10.00	208.00	2080.00
43	43	Making of distance pieces from scrap wooden sleeper 1.3m long and fixing the same between platform wall and nearer rail of the track by means of spiking the same with rail ensuring requisite distance between the track and face of platform wall. The rate should include the cost of making & labour, tools, plants to complete the work in all respect as per direction of site in-charge. Only unserviceable wooden sleepers and necessary fittings will be supplied by the Rly free of cost.	Each	30.00	35.00	1050.00
44	44	Erection of rail post for Curve / S.E.J.s, centre of LWR including marking of mean position of S.E.J. on post and painting of rails as per direction of Rly site incharge. Note : One pair post will be taken as one set	Set	36.00	466.00	16776.00
45	45	Destressing of L.W.R. to be done by removing all fittings including fixing of rollers on sleepers of L.W.R. track by lifting of rails and keeping the same on roller and cutting the rails for creating necessary gaps for expansion of Rail by using rail tensor or by any means and applying required tensile force to achieve required expansion. The rail tensor at least two nos and sufficient nos of rollers to be arranged by contractor. After these operations required closer rail to be inserted fixing the rails on sleepers with fixing as per provisions laid in IRPWM & LWR manual. During this operations SEJ to be adjusted accordingly. The whole work to be done either on running track or on non running track. Necessary lighting arrangement at the time of night working to be arranged by the contractor. The damaged fittings to be changed also.	Track metre	6000.00	16.00	96000.00
46	46	Replacement/renewal of metal liner by G.F.N. liner for track circuiting works on running track by opening the ERC Clip, cleaning of foot of the rail, greasing of the hidden area of liner by applying grease by contractor as per instruction of site Engineer. GFN liner will be supplied by Railway.	Each	8000.00	2.52	20160.00
47	47	Shifting of PSC/CI sleeper of different sizes and length, PSC sleeper/CI sleeper from the alignment of double line between AZ & MBB within a lead of 100m or as per suitable location as directed by the Engineer in charge. The rate includes all labours, tools & plants etc. for stacking the materials in proper way observing all safety of running tracks etc.	Each	1000.00	26.00	26000.00

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48	48	Unloading of single/3 rail/10 rail/20 rail panel 52 Kg/60 Kg. in block period from railway BFR by contractor's own arrangement in night and clearance of all obstruction after unloading.	Running Metre	10000.00	8.26	82600.00
49	49	Connecting newly laid track with existing track for commissioning of New rail link during night/day within a specific block period. The work includes the following:- 1.Opening of track by removing of ballast and stacking the same with a lead upto 30m. 2.Dressing & levelling of the existing track bed, 3.Slewing of track to revised alignment, 4. Redistribution of the collected ballast on new alignment with a lead upto 30m. 5.One round packing of track after slewing, 6.Providing 2 nos 5KVA DG set including fuel & maintenance with lighting arrangements by 24 nos 500 watt Halogen with complete fittings as required for complete and adequate illumination of site for 8 hrs/day.	Track metre	300.00	293.00	87900.00
50	50	Pre-tamping & post-tamping attention to the track required for the machine maintenance as per stipulations contained in IRPWM. The attention must be as per direction of the PWI In-Charge at site. Rate includes one round of pre-tamping and post-tamping. Rate also includes all tools & plants, and man power required to assist tamping machine.	Track metre	6000.00	22.00	132000.00
51	51	Supply & fixing of all fittings of steel channel sleeper as per Annexure-I attached for Non track circuited area including galvanizing complete in all respect with all arrangement and cost borne by contractor. Supply to be made initially at SSE/P.Way/Store as per instruction of Engineer in charge.	Set	300.00	4719.00	1415700.00
52	52	Manufacturing & supplying of flare rail from released 52kg/90R rail as per drawing No. T-4089 for facing & trailing end by gas cutting heating & jim-crowing as per direction of site engineer with all contractor's labours, tools & plants, crossing of track etc. Rail will be supplied by railway.	Set	2.00	9743.00	19486.00
53	53	Making of wooden block size(1702x150x100)mm from scrap wooden sleeper & fixing the same in between two check rail end of L-xing and filling the ballast in between road edge & wooden block . The rate should include the cost of making ,leading ,transporting & labour, tools , plants to complete the work in all respect as per direction of site in-charge. Only unserviceable wooden sleepers and necessary fittings will be supplied by the Rly free of cost.	Numbers	10.00	314.00	3140.00
54	54	Respacing of point Xing PSC sleepers no 4, including opening of ballast up to the bottom of sleepers & shifting the same to accommodate point machine as per requirement of S & T department drilling new hole at a distance of 685 mm to 700mm between sleeper No. 3 & 4 for accommodate motor point rod during N.I work, after drilling fixing the same at distance of 700 mm sleeper spacing & refilling the ballast & provide through packing the sleeper No. 3 & 4 including contractor labour tools & plant etc.	Numbers	16.00	562.00	8992.00
55	55	Releasing & re-fixing of ERC clips, metal liner/GFN liner from the existing running previously linked track after cleaning & greasing of pendrol clips, insert of PSC sleeper & bottom face of metal liner including contractor all labours, tools & plants. During execution of works tracks safety should be ensured & work to be done as per direction of site Engineer.	Numbers	1000.00	15.00	15000.00

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56	56	Supply of petrol at site of work including supply of skilled and unskilled labour as required as per instruction of SSE(P Way) for SKV welding of 52kg/60Kg rails or 52-60 kg compound joints. This work includes all operations like pulling back, levelling, aligning, jim-crowding of rails if required, shifting wooden blocks and wedges under rail seat (wooden blocks and wedges to be provided by the contractor) etc. For welding and finishing the welded joints on top and faces as per instruction laid down in IRPWM and welding manual. The work is to be done during day/night time under the guidance of Railway's representatives and under direct supervision of site in charge. After welding the joints are to be cleaned and painted by black bituminous paints in two coats to 100mm on either side of the welded joints, marking as per IRPWM/welding manual is to be done with white paint. The shifted sleeper of the joints should be correct put and put carrying welding materials like thermit material portion, thermit dry sand moulds tool & equipments from store to site of work and vice versa. Note:- (i)The above rates are inclusive of all taxes legally leviable any other local taxes, licence fees, royalty charges cess etc. (ii)The quantity shown in the schedule are approximate. (iii)The above rates are inclusive of deduction of Sale Tax, income Tax, Royalty Charges etc. as per the extant rules. instruction on the issue applicable for the time being.	Numbers	1000.00	1886.00	1886000.00
					<b>Total</b>	<b>17719223.00</b>
<b>Schedule</b>	Schedule 05-Schedule A-V					
<b>Item- 5</b>	SUPPLY OF BALLAST					
<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	Supplying of approved quality machined crushed stone ballast of nominal size of 50mm from any private quarry and stack the same at locations between Azimganj and Murshidabad to be specified by Engineer in charge as per requirement. The rate is inclusive of cost of ballast and transporting by any conveyance with all lead, lift loading, unloading, handling, stacking, making of road and all taxes, royalty and other for delivery complete in stacks including all testing as per special condition of contract as per instructions of the Engineer in charge. Payment shall be made for the gross measurement in stacks without any deduction for shrinkage/voids.	cum	4000.00	3035.00	12140000.00
2	2	Spreading of stone ballast from the stacks with 300m free lead crossing of any no of running lines, all lift, cost of labour tools & plants and other incidental charges so as to provide required ballast cushion. Payment shall be made for the gross measurement in stacks without any deduction for shrinkage/voids.	cum	4000.00	84.00	336000.00
					<b>Total</b>	<b>12476000.00</b>
<b>Schedule</b>	Schedule 06-SCHEDULE B-I(A)					
<b>Item- 6</b>	SCHEDULE OF ITEMS FOR BRICK WORK (AS PER USSOR 2011)					
<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>
		Brick work with non-modular (FPS) bricks of class designation 7.5 in foundation and plinth in :				
1	051017	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	50.00	2206.10	110305.00
2	051018	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	30.00	2206.10	66183.00
3	051040	Extra over item 051010 & 051020 for brick work in superstructure beyond plinth level upto floor two level :	cum	15.00	151.99	2279.85
		Half brick masonry with bricks of class designation 7.5 in foundations and plinth in :				

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4	051182	Cement mortar 1:4 (1 Cement : 4 coarse sand)	Sqm	200.00	265.31	53062.00
5	051190	Extra for half Brick masonry in superstructure above plinth level upto floor two level	Sqm	200.00	42.15	8430.00
		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary)of average thickness 25 mm including ramming sub grade :				
6	091032	Flat brick	Sqm	1000.00	171.16	171160.00
					<b>Total</b>	<b>411419.85</b>
<b>Schedule</b>	Schedule 07-SCHEDULE B-I(B)					
<b>Item- 7</b>	SCHEDULE FOR ITEMS OF CC, RCC (AS PER USSOR 2011)					
<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>
		Providing and laying in position cement concrete of specified proportion excluding cost of cement, centering and shuttering - All works upto Plinth level :				
1	031011	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size)	cum	200.00	2139.85	427970.00
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
2	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	30.00	2325.34	69760.20
		Providing and laying in position cement concrete of M 20 grade, excluding the cost of cement and of centering and shuttering, as per direction of the Engineer in charge :				
3	031051	All works upto Plinth level	cum	60.00	2247.57	134854.20
4	031052	All works above plinth level in retaining walls, walls (of any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, anchor blocks, parapets, copings, bed blocks, string or lacing courses, window sills, fillets, kerbs, steps etc.	cum	20.00	2384.98	47699.60
		Centering and shuttering including strutting, propping etc. and removal of form work for :				
5	031061	Foundations, footings, bases of columns	Sqm	200.00	146.28	29256.00
6	031062	Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets etc.	Sqm	300.00	238.97	71691.00
		Providing and laying in position M 20 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge				
7	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	cum	100.00	2732.49	273249.00
8	041012	All work in buildings above plinth level upto floor two level.	cum	25.00	3004.22	75105.50
		Centering and shuttering including strutting, propping etc. and removal of form for :				
9	042013	Suspended floors, roofs, landings, balconies, FOB slabs, walkway slabs and access platform	Sqm	250.00	234.36	58590.00
10	042014	Lintels, beams, plinth beams, bed blocks, girders, bressumers and cantilevers	Sqm	100.00	208.55	20855.00
11	042015	Columns, pillars, , posts and struts	Sqm	100.00	297.00	29700.00



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12	042016	Stairs (excluding landings) except spiral-staircases	Sqm	30.00	289.10	8673.00
		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
13	043015	In slabs for drain covers, manhole covers, flue tops etc.	cum	10.00	3223.38	32233.80
		Providing and laying in position machine mixed, machine vibrated and machine batched Design Mix Cement Concrete M35 grade (Cast - in Situ) using 20 mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 10 M from foundation top level, including finishing, Using Admixtures in recommended proportions ( as per IS 9103), if approved in Mix design to accelerate or retard setting of concrete and/or improve workability without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Payment for cement, reinforcement and shuttering shall be paid extra				
14	192062	Wing wall and Return wall	cum	75.00	2396.07	179705.25
15	192064	Approach slab at formation level, Dirt wall/ ballast wall at formation level	cum	30.00	2613.89	78416.70
16	194010	Providing and laying in position machine mixed, machine vibrated and machine batched Design Mix Cement Concrete M35 grade (Cast - in Situ) In Bottom/top slab, side walls, toe wall and sumps haunch filling head walls or any other component using 20 mm graded crushed stone aggregate and coarse sand of approved quality of cast-in-situ RCC box of size upto 5 M (bigger inside dimension) including finishing, Admixtures in recommended proportions (as per IS 9103), if approved in Mix design, to accelerate, retard setting of concrete, improve workability without impairing strength and durability, complete as per drawings and technical specifications as directed by Engineer in charge. Payment for cement, reinforcement and shuttering shall be paid extra	cum	125.00	2178.24	272280.00
		Centring and shuttering including strutting, propping etc. and removal of form for :				
17	195032	Abutment, pier, wing walls and return walls	Sqm	450.00	239.00	107550.00
18	195034	Approach slab at formation level, Dirt wall/ ballast wall at formation level	Sqm	50.00	145.90	7295.00
19	195038	In Bottom/top slab, side walls, toe wall and sumps haunch filling head walls or any other component	Sqm	500.00	239.00	119500.00
					<b>Total</b>	<b>2044384.25</b>
<b>Schedule</b>	Schedule 08-SCHEDULE B-I(C)					
<b>Item- 8</b>	SCHEDULE FOR ITEMS OF STRUCTURAL STEEL WORKS (AS PER USSOR 2011)					
<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>
		Structural steel work in single section including cutting, bending, straightening, drilling, rivetting, bolting, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
1	081011	In RSJ, tees, angles and channels	Kg	1000.00	71.43	71430.00

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2	081012	In flats, plates, round or square bars	Kg	500.00	71.23	35615.00
		Structural steel work welded in built up sections, trusses and framed work, girders, stagings, racks, etc including cutting, bending, straightening, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
3	081031	In RSJ, tees, angles and channels	Kg	9000.00	100.34	903060.00
4	081032	In flats, plates, round or square bars	Kg	2000.00	97.88	195760.00
		Applying Priming Coat :				
5	121013	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanized iron/steel works	Sqm	500.00	18.55	9275.00
6	121030	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coats applied @ 0.90ltr/ 10sqm over an under coat of primer applied @ 0.80ltr/ 10sqm of approved brand or manufacture	Sqm	400.00	72.63	29052.00
		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade				
7	121051	Two or more coats on new work	Sqm	300.00	50.45	15135.00
8	121052	One or more coats on old work	Sqm	350.00	32.44	11354.00
9	211200	Cleaning of steel work of bridge triangulated girders with scrappers and/or wire brushes to remove all rust and loose or perished paint to prepare perfectly clean & dry bare metal surface free from all dirt/foreign material & ready for initial coat of paint. Rate include cost of labour, consumables, brushes, misc. tools and plants, ladders, scaffolding, jhoola, hanging scaffolding staging etc.	Sqm	9500.00	28.45	270275.00
		Painting cleaned bridge plate girders including all scaffolding, shuttering and strutting along with provision of Jhoola / hanging scaffolding where required				
10	211214	With two coats Aluminium paints in dual containers conforming to IS : 2339	Sqm	9500.00	43.54	413630.00
					<b>Total</b>	<b>1954586.00</b>
<b>Schedule</b>	Schedule 09-SCHEDULE B-I(D)					
<b>Item- 9</b>	SCHEDULE FOR ITEMS OF MISC. WORKS (AS PER USSOR 2011)					
<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	800.00	88.16	70528.00
2	014010	Dressing Surface (average excavation or filling upto 15 cm) including removing vegetation in all kind of soil. Payment against this item is to be made only if it is not included in earth work item	10 Sqm	80240.00	59.40	476625.60
3	021150	Leading miscellaneous materials such as iron work, rails, fittings & fastenings, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc and all similar articles (each individual article or bundle being not more than 3.5 metres long in the longest direction) including all loading, unloading and stacking, lead over 500m and upto 10 km. Note : Lead under this item is payable when the same exceeds 500m.	MT	30.00	191.68	5750.40
4	021151	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021150.	MT/Km	2700.00	8.63	23301.00
5	081070	Erecting rails in posts, platform wall copings etc. including necessary cutting and drilling	Quintal	10.00	75.44	754.40

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		12 mm cement plaster of mix -				
6	111012	1:6 (1cement: 6fine sand)	Sqm	400.00	62.44	24976.00
		12 mm cement plaster finished with a floating coat of neat cement of mix -				
7	111071	1:3 (1cement: 3fine sand)	Sqm	200.00	74.89	14978.00
		Colour washing such as green, blue or buff to give an even shade				
8	115031	New work (two or more coats) with a base coat of white washing with lime	Sqm	600.00	12.87	7722.00
		Applying Priming Coat :				
9	121011	With ready mixed pink or grey primer of approved brand and manufacture on woodwork (hard and soft wood)	Sqm	150.00	22.42	3363.00
10	121020	Painting wood work with Deluxe Multi Surfaces Paint of required shade. Two or more coat applied @ 0.90ltr/10sqm over an under coat of primer, applied @ 0.75ltr/10sqm of approved brand or manufacture	Sqm	150.00	69.79	10468.50
		Painting Station Name boards (both sides) including lettering on both sides two coats of synthetic enamel paint to give an even shade				
11	123101	Board area more than 2 sqm	Each	4.00	225.01	900.04
12	123102	Board area upto 2 sqm	Each	4.00	176.07	704.28
13	123110	Painting and lettering gradient posts, km posts, curve plates, boundary pillars/marks etc two coats (both sides) along the railway tracks	Each	120.00	118.32	14198.40
14	221020	Laying of boulder apron laid in wire crates of approved size including overlaps at joints laid with stone boulders, all loose ends to be tied with 4 mm galvanised steel wire. Payment for boulders & wire crates to be done extra	cum	600.00	279.15	167490.00
15	221030	Supplying galvanized wire net trungers made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm	Sqm	3600.00	319.99	1151964.00
16	221050	Providing and laying Pitching with stone boulders weighing not less than 35 kg each with the voids filled with spalls 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)	cum	2500.00	1080.90	2702250.00
17	221060	Providing and laying Pitching with stone boulders weighing not less than 35 kg each with the 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)	cum	400.00	1556.19	622476.00
18	221070	Providing and laying Filter material As Per RDSO Specifications underneath pitching in slopes complete as per drawing and Technical specification	cum	360.00	2033.94	732218.40
19	222230	Painting the HFL and danger level marks, year of HFL on bridge abutments and piers with ready mixed paint as per standard in two coats over one coat of primer with all materials, labour, tools, scaffolding, all lead and lift etc including writing complete	Each Mark	28.00	110.32	3088.96

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20	222240	Providing cast in situ bridge number plaques as per Railway drawing in cement concrete 1:2:4 mix using 20mm hard stone aggregate embedded in 30mm notch in Bridge parapet coping duly engraving the letter and figures and an arrow indicating the direction of flow and finishing the top exposed surface with cement mortar 1:3, painting letters and figures with two coats of black enamel paint on two coats of white back ground with all labour, tools, cement, paint etc.with all lead and lifts	Each	28.00	547.29	15324.12
21	222290	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	340.00	144.75	49215.00
22	231010	Preparation of subgrade by excavating earth upto 22.5cm depth, dressing to camber and consolidating with power road roller of 8 to 12 tonne capacity including making good the undulations etc. and disposal of surplus earth with lead upto 50 metres	Sqm	1000.00	40.65	40650.00
		Providing and laying water bound macadam with specified stone aggregate, stone screening and binding material including screening, sorting, spreading to template and consolidation with power road roller of 8 to 10 tonne capacity etc. complete.				
23	231042	Base course with 63mm to 45mm size including stone screening 13.2mm size	cum	200.00	1580.73	316146.00
		Providing and laying water bound macadam sub-base with brick aggregate and binding material, earth / moorum etc. including screening, sorting and spreading to template and consolidation with light power road roller etc. complete				
24	231051	Over burnt (Jhama) brick aggregate 120mm to 40mm	cum	200.00	913.62	182724.00
		Providing and applying tack coat using bitumen emulsion (Rapid setting) complying with IS: 8887- 1995, spraying the bitumen emulsion with mechanically operated spray unit, cleaning and preparing the existing road surface as per specification				
25	233011	On W.B.M. @ 0.4kg/ sqm	Sqm	1000.00	24.42	24420.00
		Providing and laying 2.5cm premix carpet surfacing with 2.25Cum and 1.12cum of stone chippings of 13.2mm size and 11.2mm size respectively and 180kg of hot bitumen per 100sqm over a tack coat including consolidation with road roller of 6 to 8tonne capacity etc. complete (tack coat to be paid separately.				
26	233032	With paving asphalt 60/ 70 with no solvent	Sqm	3000.00	154.42	463260.00
27	235010	Providing and laying seal coat of premixed fine aggregate (passing 2.36mm and retained on 180micron sieve) with bitumen using 128 kg of bitumen of grade 80/ 100 bitumen and 0.60cum of fine aggregate per 100sqm of road surface including rolling and finishing with road roller all complete. Note - This should not be operated along with Hot mix carpeting	Sqm	3000.00	67.17	201510.00
28	252390	Stone Boulder Weighing minimum 35 Kg Each	cum	600.00	596.94	358164.00
					<b>Total</b>	<b>7685170.10</b>
<b>Schedule</b>	Schedule 10-SCHEDULE B-I(E)					
<b>Item- 10</b>	SCHEDULE FOR ITEMS OF P.WAY WORKS (Based on L&M schedule - 1987)					
<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	Pairing, butting, 60Kg/52Kg rails inside/outside track including leading. (Ch-XXIV, It-17, P-194 )	Metre	6500.00	17.50	113750.00

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2	2	Inserting 60 Kg/52kg. 260m long rail including dismantling of existing track. (Ch-XXIV, It-25, P-195 )	Metre	6500.00	25.50	165750.00
3	3	Trolleying of rails of 60 Kg/52kg upto 1 Km by dip lorry including lead of 30 m (Ch-XXIV, It-90, P-198 )	Metre	7000.00	1.00	7000.00
4	4	Trolleying of rails of 60Kg/52kg for every addl. 1/2 Km. (Ch-XXIV, It-93, P-198 )	Metre	3000.00	0.50	1500.00
5	5	Unloading P.S.C. from BFR on to the cess along the track in block period. (Note: Unloading of wider Sleeper also included) (Ch-XXIV, It-47, P-196 )	100 Nos.	2000.00	417.00	8340.00
6	6	Distribution of small track fittings by Rly's material trolley (Ch-XXIV, It-96, P-198 )	MT	20.00	118.00	2360.00
					<b>Total</b>	<b>298700.00</b>

**Schedule** Schedule 13-SCHEDULE C-I

**Item- 13** SCHEDULE FOR ITEMS OF SUPPLY OF CEMENT

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Supply of cement to the site of work to the extent required by the Rly. for use in the work. The rate quoted shall include all costs, transportation, storing and all other incidental charges. OPC conforming to IS-269-2015	MT	105.00	9129.00	958545.00
2	2	Supply of cement to the site of work to the extent required by the Rly. for use in the work. The rate quoted shall include all costs, transportation, storing and all other incidental charges. Portland Slag Cement conforming to IS:455 Note for Sch. C-I: (1) Materials as per requirements shall be brought to site and kept under Contractor custody at their own cost and risk, without any damage like setting of cement etc. (2) Payment of the materials will be made through running and final bills, as per actual consumption in the work and whatever wastage taken place i.e. empty cement bags etc. will be the contractors property and the same shall be removed from the site at his own cost. (3) The materials are to be procured from the main producers/authorized dealers/authorized stock yards and shall conform to latest IS(BIS), specifications. (4) Cement bags preferably in paper/plastic bags should bear following information in legible marking: [i] Name of Manufacturer [ii] Regd. Trade mark of manufacturer, if any. [iii] Type of cement. [iv] Wt. of each bag in Kg. or No. of bags/Tonne. [v] Date of manufacturing: generally marked as week-month-year of manufacture. [vi] It will bear the ISI Certification mark. (5) Manufacturers test certificate conforming to latest IS [BIS] Specification should also be produced by Contractor, duly authenticated by the Engineer-in-Charge of the Engineering Department (6) Contractor shall also establish his own field laboratory equipped with apparatus duly manned for carrying out the following tests of Cement according to relevant IS[BIS] specification. (i) Compressive & tensile strength, (ii) Initial and final setting time, (iii) Consistency, (iv) Soundness, (v) Fineness modules, (7) The railway reserves the right to take samples of materials supplied by the Contractor and to get the same tested in reputed laboratories and the results there of shall be binding on the Contractor. Cost of the test to be born by the contractor.	MT	150.00	8288.00	1243200.00
					<b>Total</b>	<b>2201745.00</b>

**Schedule** Schedule 14-SCHEDULE C-II

**Item- 14** SCHEDULE FOR ITEMS OF SUPPLY OF REINFORCEMENT STEEL

S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
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1	1	Supply of reinforcement steel to the site of work to the extent required by the Rly. for use in the work. The rate quoted shall include all costs, transportation, storing and all other incidental charges. Reinforcing steel conforming to IS-1786 of any dia. Conditions for supply of Reinforcing Steel : (1) Materials as per requirements shall be brought to site and kept under Contractor custody at their own cost and risk, without any damage like rusting of steel etc. (2) Payment of the materials will be made through running and final bills, as per actual consumption in the work and whatever wastage taken place i.e. cut pieces, etc. will be the property of contractor and the same shall be removed from the site at his own cost. (3) Steel should be purchased only from the manufacturers mentioned in the clause 30.5.1, 30.5.2 & 30.5.3 of Ch-II of this tender document, (4) Manufacturers test certificate conforming to latest IS [BIS] Specification should also be produced by Contractor, duly authenticated by the Gazetted Officer of the Engineering Department, (5) The railway reserves the right to take samples of materials supplied by the Contractor and to get the same tested in reputed laboratories and the results there of shall be binding on the Contractor. Cost of the test to be born by the contractor, Payment towards reinforcing steel will be made through running and final bills on the basis of actual consumption based on theoretical requirements in the work as per design/drawing, bar bending schedule, lap length and no payment will be payable towards whatever wastage taken place i.e. cut pieces etc. which will be the contractor's property and the same shall be removed from the site at his own cost. The contractor shall make his own arrangements for storing reinforcing steel in a safe and satisfactory manner. In case of any doubts regarding quality of steel, the Railway reserves the right to take samples of steel supplied by the contractor at any time and to get the same tested in reputed laboratories and acceptance of the supplied steel shall be subject to such test results which shall be binding on the contractor. Cost incurred towards conducting such tests will be borne by the contractor. Testing of reinforcing steel will be done periodically or as instructed by Engineer-in - Charge from Govt laboratory or reputed Institution. Testing charges will be borne by the contractor. The rate shall be inclusive of all wastage, octroi, and all kind of taxes, levied by local municipal authorities / State Govt./Central Govt. Railway reserves the right to supply the material partly or fully from its own stores. Particular attention is invited to the fact materials are not meant for supply only and no payment shall be made for supply alone. The payment shall be made only after use of these materials in the actual work for which supply is intended. The payment shall be restricted to the extent of materials used in the work.	MT	25.00	86220.00	2155500.00
					<b>Total</b>	<b>2155500.00</b>

**4. ELIGIBILITY CONDITIONS**

**Special Technical Criteria**

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1	<p>Technical Eligibility Criteria: (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&amp;T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i)Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii)Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or (iii)One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender. Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components. (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 notarized, 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 fulfillment of technical eligibility. Such subcontractor must fulfil 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. Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway. Further mentioned in para-2 below.</p>	No	No	Allowed (Mandatory)
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**Special Financial Criteria**

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

**Special Technical Criteria**

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1	Continued from para-1 of Special Technical criteria of NIT: In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing. Note for Item 10.1: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate. SIMILAR NATURE OF WORK FOR THIS TENDER IS: "Any Civil Engineering work involving execution of earthwork/blanketing in formation or in cutting with mechanical compaction and construction of bridges." (a) In support of fulfillment of specified minimum technical eligibility criteria, the tenderer has to submit the credential certificate [scanned copy in PDF format of the original document] with their e-offer for the physical completion of the similar nature of work. (b) TENDERS NOT ACCOMPANIED BY DOCUMENTARY EVIDENCE IN SUPPORT OF ELIGIBILITY CRITERIA FOR SIMILAR NATURE OF THE WORK WILL BE SUMMARILY REJECTED.	No	No	Allowed (Mandatory)
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**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)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All documents in support of fulfilment of eligibility criteria with respect to completion of Similar nature of work for Technical Eligibility Criteria and Total contract value for Financial Eligibility Criteria should be furnished along with the tender and should be submitted online at the time of tender bidding. Tenders not accompanied by documentary evidence in support of eligibility criteria will be summarily rejected. No post tender communication, in any form will be made or entertained, after opening of tenders, in this regard. Railways may however call for the originals of the credentials for verification or any clarifications/confirmations on the contents of the documents submitted.	No	No	Not Allowed
2	Tenderers shall note that the submission of other supporting documents namely Constitution of firm/JV firm, Work in hand, Arbitration/Court cases, Tools and Plants, Technical Personnel/Man Power and Association of railway Officers, at the time of on line bidding of tender, is important and they shall ensure the same. However Railways may seek clarifications/details/documents in this regard.	No	No	Not Allowed



**ER-CAO-C-HQ-ENGG/EASTERN RLY  
TENDER DOCUMENT**

Tender No: DCE-CON-I-06-OF-2022-23

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3	The tenderers shall submit a copy of certificate stating that all their statements/documents submitted along with bid are true and factual. Standard format of certificate to be submitted by the bidder is enclosed as Annexure-V. Non submission of above certificate by the bidder shall result in summarily rejection of his/their bid. Note: This certificate is to be given by each member of JV or Partners of Partnership firm/LLP/etc.	No	No	Not Allowed
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**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	If Bid Security is submitted through mode of Bank Guarantee then submission of scanned copy of the Bank Guarantee towards Bid Security of the bid on e-tendering portal (IREPS) and original of above Bank Guarantee within 5 working days of deadlines of submission of bids as per Para-5 of Instructions to Tenderers (ITT) in Chapter-II Annexed Document.	No	No	Allowed (Mandatory)
2	All documents in support of fulfillment of Technical Eligibility Criteria as per Para 10.1 & Para 17.15.1 of Chapter-2	No	No	Allowed (Mandatory)
3	All documents in support of fulfillment of Financial Eligibility Criteria as per Para 10.2 & 17.15.2, duly filled up Annexure-VIB of Chapter-II along with Certificate issued from Chartered Accountant.	No	No	Allowed (Mandatory)
4	Bid Capacity as per Para 10.3 & 17.15.3 duly filled up Annexure-VI, Chapter-II of Annexed Document	No	No	Allowed (Mandatory)
5	Certificate as per the proforma enclosed vide Annexure-V, of Chapter-II of the Annexed Document.	No	No	Allowed (Mandatory)
6	All documents as mentioned in Clause 14 of Chapter-II of the tender document.	No	No	Allowed (Mandatory)
7	Power of attorney duly notarized and in in favour of a single individual should be submitted. As per Clause 15 of Chapter-II of the tender document	No	No	Allowed (Mandatory)
8	All documents as mentioned in Clause 17 of Chapter-II of the tender document for JV in works tender.	No	No	Allowed (Mandatory)
9	All documents as mentioned in Clause 18 of Chapter-II of the tender document for Partnership firm in works tender.	No	No	Allowed (Mandatory)
10	Ballast test report from approved laboratories for ballast testing as mentioned in SPECIAL CONDITIONS AND SPECIFICATIONS FOR SUPPLY OF 50 MM SIZE STONE BALLAST FOR RAILWAY TRACK.	No	No	Allowed (Mandatory)
11	Details regarding the Association of Railway Officers with the tender [for details please refer Annexure-A of Ch-I of Tender document].	No	No	Allowed (Mandatory)
12	Details of existing commitments and balance amount of ongoing works with the tenderer and (B) Value of completed works/executed works and payment received during the current and /last three financial years immediately preceding the current financial year, upto date of inviting of tender.(for details please refer Annexure-B of Chapter-I of Tender Document).	No	No	Allowed (Mandatory)
13	Details of the List of the Arbitration & Court cases during the last 3 years [for details please refer Annexure-C of Ch-I of Tender document].	No	No	Allowed (Mandatory)
14	Details of agency's own equipment proposed to be included [for details please refer Annexure-D(i) of Ch-I of Tender document].	No	No	Allowed (Mandatory)
15	Details of hired equipment to be included [for details please refer Annexure-D(ii) of Ch-I of Tender document].	No	No	Allowed (Mandatory)
16	Details of technical personnel of the agency, available on hand for details please refer Annexure-E(i) of Ch-I of Tender document.	No	No	Allowed (Mandatory)
17	Details of technical personnel, proposed to be engaged by agency for details please refer Annexure-E(ii) of Ch-I of Tender document.	No	No	Allowed (Mandatory)
18	Details of NEFT (in PDF format) as per Annexure F of Ch-I of the tender document.	No	No	Allowed (Mandatory)
19	TENDER FORM as per Annexure-I of Chapter-II of Annex Tender document duly signed by tenderers/tenderer.	No	No	Allowed (Mandatory)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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**ER-CAO-C-HQ-ENGG/EASTERN RLY  
TENDER DOCUMENT**

**Tender No:** DCE-CON-I-06-OF-2022-23

**Closing Date/Time:** 31/10/2022 15:00

1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
2	I/We have read the tender Notice [NIT] detail, Tender document along with all the conditions attached/referred to, in this tender document, and agree to abide by the said conditions.	No	No	Not Allowed
3	I/We also hereby agree to abide by the Indian Railways Standard General Conditions of Contract [GCC], with all correction slips up-to-date and to carry out the work according to the Special Conditions of Contract and specifications of materials and works as laid down by Railway as mentioned in the Special Conditions/ Specifications.	No	No	Not Allowed
4	It is certified that I am the authorised person to represent the firm and I am authorised to sign the tender and all the documents on behalf of the firm.	No	No	Not Allowed
5	It is certified that all the statement and document submitted with the offer are true and correct.	No	No	Not Allowed
6	It is certified that we are aware of the fact that this tender offer is made in the full understanding that our offer will be subjected to verification of all the information submitted with this tender.	No	No	Not Allowed
7	We are aware of the fact that the railway reserve the rights to amend the scope and value of the contract and to reject [or accept] this offer without assigning any financial liability.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	GCCACS-1.pdf	Advance Correction Slip of GCC 22
2	GCC_April-2022_2022_CE-I_CT_GCC-2022_POLICY_27.04.22_1.pdf	GCC April 2022
3	Annexure-1.pdf	Annexure I
4	Approvedstandardtenderdocument-GCC-22-withACSNo.1_ForTNo.06_.pdf	Annexed Tender Document

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:** MUKUL KUMAR

**Designation :** Dy.CE/CON/I/SDAH/ER