

Date: 18.09.2023

To, The Manager, Department of Corporate Services BSE Limited Phiroze Jeejeebhoy Towers Dalal Street, Mumbai - 400 001	To, Asst. Vice President National Stock Exchange of India Limited Exchange Plaza, Bandra Kurla Complex Bandra (E) Mumbai - 400 051
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Dear Sir,

Sub: Disclosure of Information pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015

With reference to the captioned subject, this is to inform that Tantia Constructions Limited has received an order amounting to Rs. 62,60,34,762.64/- (Rupees Sixty Two Crores Sixty Lakhs Thirty Four Thousand Seven Hundred and Sixty Two rupees and Sixty Four paise only) from East Coast Railway against a contract work for "(A) Construction of (i) a Flyover Bridge No. 481A of Span 1x61.00+2x30.05m open web through girder at Ch.2000 (ii) Major Bridge No. 481B of span 1x6.50+1x30.50+1x6.50m composite girder at Ch 2228.22 (iii) Major Bridge No. 481D of span 1x18.30m composite girder at Ch. 3024 and (iv) Major Brige Np. 8 of span 1x61.0m open web through girder between Haridaspur and Chadikhole of Haridaspur-Paradeep Line. (B) Construction of a Flyover Bridge No 4 of span 1x60.10+30.50m at Ch 1569 between Siju and Paradeep coaching yard to avoid surface crossing of trains under KUR Division of East Coast Railway." Tender No: ETCECONIIBBS2023025 vide letter of acceptance dated 18th September, 2023.

The aforesaid intimation is to be treated as compliance under Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015

This is for your information and records.

Thanking you,
Yours faithfully,
For Tantia Constructions Limited

Tarun Chaturvedi

Tarun Chaturvedi
(Director)



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CIN - L74210WB1964PLC026284

Creating Core Infrastructure

ECOR

**ECOR-CONST-HQ-
ENGG**

**CAO/ CON/ ECOR,
2nd Floor, North
Block, Rall Sadan,,
Samanta Vihar,
Chandrasekarpur
Bhubaneswar,
751017
Odisha, India**

**Letter No: ECOR-CONST-HQ-ENGG /
ETCECONIIBBS2023025 / 01145880087085**

Dated: 18/09/2023

**M/s TANTIA CONSTRUCTIONS LIMITED-
KOLKATA.**

**DD-30, Sector-1, Salt Lake City, Kolkata-700064
Kolkata.- 700064
West Bengal, India**

Sub: Letter Of Acceptance

- Ref:**
- 1. Tender No. ETCECONIIBBS2023025 closing date 19-06-2023 12:00 for (A) Construction of (i) a Flyover Bridge No.481A of Span 1x61.00+2x30.5m Open Web Through Girder at Ch.2000 (ii) Major Bridge No.481B of span 1x6.50+1x30.50+1x6.50m Composite Girder at Ch.2228.22 (iii) Major Bridge No.481D of span 1x18.30m Composite Girder at Ch.3024 and (iv) Major Bridge Np.8 of span 1x 61.0m Open Web Through Girder between Haridaspur and Chadikhole of Haridaspur-Paradeep Line. (B) Construction of a Flyover Bridge No.4 of span 1x60.10+30.50m at Ch.1569 between Siju and Paradeep coaching yard to avoid surface crossing of trains under KUR Division of East Coast Railway.**
 - 2. Your bid ID 15318340 dated 18/06/2023 18:47**

The Competent Authority has accepted your offered rates in connection with the subject work. The total cost of the work at the accepted rates works out to Rs. 626034762.64 (Rupees Sixty-Two Crore Sixty Lakh Thirty-Four Thousand Seven Hundred And Sixty-Two Rupees And Sixty-Four Paise Only)

A sum of Rs.3344100 deposited as Earnest Money vide IREPS reference ID NE494518945336 has been retained towards initial Security Money for due and faithful fulfillment of the contract, and the balance Security Money will be recovered from the progressive bills @ 6 % of the bill amount till it reaches 5 % of the contract value in terms of clause 11(1) of Chapter-3 of Annexed Document. Or otherwise, if you so desire, the balance amount of Security Deposit of Rs.2,79,57,700/-(Rupees Two Crore Seventy-Nine lakh fifty-seven thousand Seven hundred only) is to be deposited in cash with FA&CAO(Con)/E. Co. Railway, Bhubaneswar.

You are requested to submit Performance Guarantee in the form as given in Clause 11(4) of Chapter-3 of Annexed Document equivalent to 5 % of the contract value amounting to Rs. 31301738.13 (Rupees Three Crore Thirteen Lakh One Thousand Seven Hundred And Thirty-Eight

Rupees And Thirteen Paise Only) within 21 days from the date of issue of Letter of Acceptance, valid up to stipulated date of completion plus 60 days so that contract agreement can be executed. Extension of time for submission of PG beyond 21 (Twenty-one) days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the contract agreement. However, a penal interest of 12% per annum shall be charged for the delay beyond 21 (Twenty-one) days, i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day. In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated, railway shall be entitled to forfeit Bid Security and other dues payable against that contract. The failed contractor shall be debarred from participating in re-tender for that work.

The entire work shall be completed within 24 month from the date of issue of Letter of Acceptance.

Contact Person: Please contact Dy. Chief Engineer (Con)/ E.Co.Rly./JJKR immediately with your execution programme for further instructions to start the work on the authority of this Acceptance Letter.

Stipulation: The accepted rate of Sch.A & E should not be taken as future reference.

All Other terms and conditions, as stipulated in the tender documents shall be applicable.

SUDHIR KUMAR PARIDA
CE/CON-III/BBS
Digitally Signed
[View Signature Details](#)

Awarded Quantities And Rates

Item Sno.	Item Desc	Item Code	Item Qty	Qty Unit	Unit Rate(Rs)	Escl. (%)	Advt.Value (Rs)	Bid Rate/ Unit Rate	Bid Amount (Rs)
Schedule A-Execution of Bridge works (Substructure) under USSOR-2021 (Item Directory - ECoR-HQ-IR-USSOR 2021-Ver-2)							163790446.36	8.00 % Above	176893682.07
1	Execution of all works as detailed in Schedule-A		View Details			At Par	163790446.36		
Schedule Totals									176893682.07
Schedule B-Execution of Bridge works (Super structure) under USSOR-2021 (Item Directory - ECoR-HQ-IR-USSOR 2021-Ver-2)							190401396.88	5.00 % Below	180881327.04
2	Execution of all works as detailed in Schedule-B		View Details			At Par	190401396.88		
Schedule Totals									180881327.04
Schedule C-Supply and using of Cement under USSOR-2021 (Item Directory - ECoR-HQ-IR-USSOR 2021-Ver-2)							52140625.94	6.00 % Below	49012188.38

3	Execution of all works as detailed in Schedule-C	View Details	At Par	52140625.94		
Schedule Totals				49012188.38		
Schedule D-Supply and using of Reinforcement Steel under USSOR-2021 (Item Directory - ECoR-HQ-IR-USSOR 2021-Ver-2)				203459584.00	8.50	% Below 186165519.36
4	Execution of all works as detailed in Schedule-D	View Details	At Par	203459584.00		
Schedule Totals				186165519.36		
Schedule E-Unforeseen Items under USSOR-2021 (Item Directory - Not Applicable)				15000000.00	20.00	% Above 18000000.00
5	Execution of unforeseen items works which is not included in above Sch.A to I but included in USSOR-2021 except banned items in them.	Lump Sum	At Par	15000000.00		
Schedule Totals				18000000.00		
Schedule F-Deflection Test (Non-USSOR Items) (Item Directory - Not Applicable)				231461.48	20.00	% Above 277753.78
6	Execution of all works as detailed in Schedule-F	View Details	At Par	231461.48		
Schedule Totals				277753.78		
Schedule G-Laying B.G Pway & Fixing of Guard rails (Non-USSOR Items) (Item Directory - Not Applicable)				142689.64	20.00	% Above 171227.57
7	Execution of all works as detailed in Schedule-G	View Details	At Par	142689.64		
Schedule Totals				171227.57		
Schedule H-Proof load Testing (Non-USSOR Items) (Item Directory - Not Applicable)				295765.47	20.00	% Above 354918.56
8	Execution of all works as detailed in Schedule-H	View Details	At Par	295765.47		
Schedule Totals				354918.56		
Schedule I-H-Beam Steel Sleepers (Non-USSOR Items) (Item Directory - Not Applicable)				10740023.70	6.00	% Above 11384425.12
9	Execution of all works as detailed in Schedule-I	View Details	At Par	10740023.70		
Schedule Totals				11384425.12		
Schedule J-Deck slab (Non-USSOR Items) (Item Directory - Not Applicable)				384780.71	15.00	% Above 442497.82
10	Execution of all works as detailed in Schedule-J	View Details	At Par	384780.71		
Schedule Totals				442497.82		

Schedule K-Watch and Ward (Non-USSOR Items) (Item Directory - Not Applicable)							901550.00	10.00	% Above	991705.00
11	Execution of all works as detailed in Schedule-K	<u>View Details</u>			At Par	901550.00				
Schedule Totals							991705.00			
Schedule L-Hiring of Vehicle (Non-USSOR Items) (Item Directory - Not Applicable)							678407.28	9.00	% Above	739463.94
12	Execution of all works as detailed in Schedule-L	<u>View Details</u>			At Par	678407.28				
Schedule Totals							739463.94			
Schedule M-Fuel & Lubricate (Non-USSOR Item) (Item Directory - Not Applicable)							660600.00	9.00	% Above	720054.00
13	Estimated cost of Fuel (Diesel) and Lubricant for 01 no. of five seater pick up van or similar. The unit rate and amount in this schedule are indicative and incorporated only to evaluate the value of tender. The actual cost of fuel (Diesel) and lubricant would be reimbursed as per the conditions detailed in the Annexed Document. Therefore, the tenderers are advised to quote their rate for this schedule "At par" only). Note:- Even if any Tenderer quotes some other rate against this schedule, the same would be ignored and the inter-se-Merit position shall be arrived at by taking the	1	24	Each/month	27525.00	At Par	660600.00			

quoted Rate as "At Par" only.(Qty = 01 no x 24 months)Note :Rate of diesel on each month on 15th will be taken into consideration for the whole month.							
Schedule Totals						720054.00	
Total Value						638827331.46	626034762.64
						Rebate on Total Value (%)	0.00
						Net Bid Value	626034762.64

Item Breakup

Schedule	A-Execution of Bridge works (Substructure) under USSOR-2021					
Item - 1	Execution of all works as detailed in Schedule-A					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Earthwork in excavation by mechanical means (Hydraulic Excavator)/Manual Means for foundations and floors of the bridges, retaining walls etc. including setting out, dressing of sides, ramming of bottom, getting out the excavated material, back filling in layers with approved material and consolidation of the layers by ramming and watering etc. including all lift, disposal of surplus soil up to a lead of 300m, all types of shoring and strutting with all labour and material complete as per drawing and technical specification as directed by Engineer in charge. Note: This item will be used for excavation work in connection with other miscellaneous works also like side drains, foundation for OHE masts and other miscellaneous structures in connection with Gauge Conversion, Doubling, New lines.				
1	022011	All kinds of soils	cum	7890	194.13	1531685.70
2	022012	Soft rock (not requiring blasting)	cum	790	401.49	317177.10
		Providing and laying in position Plain cement concrete of specified Nominal Mix for miscellaneous works like side drains, foundation for OHE masts and other miscellaneous structures excluding the cost of Cement, centering and shuttering - All work up to plinth level :				
3	022032	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone	cum	422	3708.55	1565008.10

		aggregate 20 mm nominal size)				
4	022040	<p>Providing and laying in position machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix (mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants) using 20mm graded crushed stone aggregate and coarse sand of approved quality in RCC raft foundation & Pile cap including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.</p>	cum	2657	3777.08	10035701.56
		<p>Providing and laying in position machine batched, machine mixed and machine vibrated Cement Concrete of specified grade as per approved Design Mix (mixed in Mobile Concrete Batching/Mixing Plant at site or RMC from approved plants) using 20mm graded crushed stone aggregate and coarse sand of approved quality for the following Reinforced cement concrete structural elements up to height of 9.0 m from foundation top level, including finishing, using Plasticiser in approved proportions (as per IS:9103), to modify workability without impairing strength and durability complete as per specifications and direction of the Engineer in charge. Note: 1. Payment for cement, reinforcement and shuttering shall be made extra under relevant item. 2. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons for not using plasticiser at the stage of Mix Design and in</p>				

		that case deduction shall be made as per relevant item.				
5	022051	Abutment & Pier	cum	1670	3842.31	6416657.70
6	022052	Wing wall and Return wall	cum	7048	3842.31	27080600.88
7	022053	Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc.	cum	526	3874.93	2038213.18
8	022054	Approach slab at formation level, Dirt wall/ ballast wall at formation level	cum	172	3809.70	655268.40
9	022070	Providing and fixing Weep Holes in Abutments, Wing walls and Return walls etc., of new bridges with 110mm dia UPVC pipe Type A ISI marked with all contractor's men, material, transportation, all taxes as per specifications and as directed by Engineer-in-Charge.	Metre	948	276.80	262406.40
		Boring, providing and installation of bored cast in-situ Reinforced Cement Concrete piles using Hydraulic piling Rig of specified diameter and length below pile cap of specified grade with Design Mix Cement Concrete, using 20mm graded crushed stone aggregate and coarse sand of approved quality, to carry a safe working load not less than specified, concreting by machine batching, machine mixing, scaffolding, using Admixture in approved proportion (as per IS:9103), placing with tremie pipe, chipping off of pile top to remove laitance concrete above cut off level etc., pumping and bailing out water complete in all respect as per approved drawing, specification and direction of the Engineer in charge. Note: 1. Payment for only cement, reinforcement shall be made extra. 2. Length of the pile for payment shall be measured up to the bottom of RCC pile Cap. 3. Plasticiser shall invariably be used in approved proportion to increase workability with minimum possible quantity of cement for all grade of Design Mix Concrete unless it is specifically approved citing reasons for not using plasticiser at the stage of Mix Design and in that case deduction shall be made as per relevant item.				
10	022092	1200mm diameter	Metre	2966	10029.78	29748327.48
11	022100	Providing, fabricating and installing permanent casing pipe for bored piles for all diameters with specified thickness of steel plate including all labour, materials, tools & complete as	MT	298	108148.95	32228387.10

		per approved drawing & specifications complete in all respect as per the direction of Engineer in charge. Note: Payment shall be made as per the weight of circular plate of casing pipe only.				
		Conducting load test of a single pile up to specified capacity in accordance with IS:2911 (Part-IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. with all labour, material, tool & plants, equipment, machinery, etc. complete as per drawing and specification, as directed by the Engineer.				
12	022123	Initial load test above 100 ton and up to 250 T capacity pile	Each	5	89785.37	448926.85
13	022127	Routine Load Test above 100 ton capacity up to 250 ton capacity pile	Each	5	44892.69	224463.45
		Lateral load testing of single pile in accordance with "IS Code of practice IS:2911 (Part-IV) for determining safe allowable lateral load of pile" with all labour, material, tool & plants, equipment, machinery, etc complete as per drawing and specification as directed by the Engineer.				
14	022132	Piles with lateral load capacity of above 50 ton and up to 100 ton	Each	5	27293.93	136469.65
15	022140	Pulse Echo Test (PET) for integrity testing of piles with contractor's men, materials and machines. The rate includes cost of Inspection of site, preparation of pile head and any other unforeseen cost required for the test, submission of reports in triplicate as per satisfaction of the Engineer in Charge.	Each	126	3186.07	401444.82
16	025020	Providing and applying two coats of coal tar or bitumen conforming to IS:3117- latest version on the top and sides of RCC box/slabs @ 1.70 kg/sqm after cleaning the surface with all labour and materials complete job as directed by the Engineer.	Sqm	6808	126.98	864479.84
		Centering and shuttering including strutting, propping etc. and removal of form for :				
17	025031	All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier	Sqm	10894	665.63	7251373.22

		cap, Fender wall, Diaphragm wall etc. up to 5m above ground level				
18	051010	Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 35 kg each with voids filled with spalls complete as per drawing and Technical Specification.	cum	6104	2151.27	13131352.08
19	051070	Providing and laying Pitching with Stone Boulders, weighing not less than 35kg each with voids filled with cement sand mortar 1:4 on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical Specifications (filter media to be paid separately under the relevant item). Rate is excluding cost of cement which shall be paid extra under relevant item.	cum	1850	3069.63	5678815.50
20	051080	Providing and laying Filter Material as per RDSO Specifications underneath pitching in slopes complete as per drawing and Technical Specification.	cum	7665	3101.59	23773687.35
					Total	163790446.36
Schedule	B-Execution of Bridge works (Super structure) under USSOR-2021					
Item - 2	Execution of all works as detailed in Schedule-B					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	031090	Design, manufacturing, supplying and fixing in position elastomeric bearing true to line and level conforming to IS:3400, IS:226, BS-5400 under prestressed concrete girders/ Steel Girders, for Pre-cast as well as cast-in-situ girders as per approved drawing. The rate shall include cost of load test of one no. bearing from Railway approved firms and all fixing materials, equipments, machineries, labour, taxes, loading, unloading, leading, lifting etc. complete. Rates include getting the drawing approved from Railway and cost of inspection during manufacturing from railway approved organization. Note : 1. The rate is for finished item complete and paid only after fixing in position below the girder. 2. The volume shall be as given in the drawing and no deduction shall be made for inserted steel plates etc.	Cubic Centimetre	110600	1.52	168112.00
		Supplying, fabrication, assembling of all types of steel girders of specified spans with structural steel conforming to				

		Quality "B0" Grade Designation E250 conforming to IS:2062, erection / slewing / end launching of steel girders with cranes or any other approved launching methods as per site conditions (not requiring traffic block) on sub-structure including provision of trolley refuges etc., complete as per approved QAP and drawings conforming to IRS-B1-2001 and other relevant codes and specifications. Note: 1. Detailed fabrication and erection drawings & launching methodology will be prepared by the contractor and got approved from Railway. 2. The rate is all inclusive including launching in position, complete in all respect except cost of (i) Painting / Metalising; (ii) Bearings & (iii) HSFG bolts which shall be paid extra under relevant item. 3. The payment shall be made on the theoretical weight of main components and gusset plates only. 4. Payment Schedule: (i) Receipt of material at site: 40% (ii) Fabrication of girders: 20% (iii) Erection/Launching: 20% (iv) Completion in all respects: 20%				
2	041011	Plate Girder/Semi Through Girder/Composite Girder (Steel Work)	MT	28	130107.16	3643000.48
3	041012	Open web Girder	MT	930	161541.28	150233390.40
4	041020	Supplying and fixing HSFG bolts of any dia and any length with suitable nuts including DTI washers conforming to IRS-B1-2001 for bridges and steel structures with contractors labour, tools and plants and lead and lift etc., complete.	Kg	51300	197.67	10140471.00
		Metallizing of steel work of girders with sprayed aluminium after surface preparation by Sand/grit blasting, followed by one coat of etch primer (IS:5666) & one coat of Zinc Chrome primer (IS:104) and two coats of aluminium paint (IS:2339) with all labour, T&P and material as a complete job duly conforming to all relevant specifications and process given under Clause 39 of IRS-B1-2001. Note: Nominal Thickness of sprayed Aluminium coating shall be 150 microns. DFT of Zinc chrome primer shall be 25-30 microns and DFT of each coat of Aluminium paint shall be 12-14 microns.				
5	041041	On new girder during fabrication	Sqm	19300	774.87	14954991.00

6	041050	Providing and fixing railing used in rows for footpath or anti-crash barrier railing with B class G.I. pipe 65/50 mm nominal dia including cost of M.S. angle and channels in vertical posts, welding / bolting, priming painting with one coat ready mix Zinc Chromate conforming to IS:104 with DFT of 25-30Microns, followed by one coat of Zinc Chrome red oxide conforming to IS:2074 with DFT of 25 Microns with all material, labour, T&P as a complete job. Note: Cost of painting shall be paid extra under relevant item.	Kg	49000	104.58	5124420.00
		Providing and fixing various size HTS holding down bolts conforming to relevant Codes/Specification in concrete column or in other structures with proper nuts, bolts, washers/plates, grouting of holes with cement or epoxy concrete with all material, labour, T&P as a complete job.				
7	041072	With epoxy concrete grouting.	Kg	1800	131.16	236088.00
8	041080	Supplying, Fabricating and fixing access ladders, inspection platforms, Trolley refuges etc., on bridges with structural steel conforming to IS:2062 including welding / bolting, priming painting with one coat of ready mixed paint of Zinc Chromate (IS:104) with DFT of 25-30 microns followed by one coat of Zinc Chrome Red Oxide (IS:2074) with DFT of 25 microns with all material, labour, T&P as a complete job. Note: Painting shall be paid separately under relevant item.	MT	50	92360.23	4618011.50
9	041090	Supplying, fitting and fixing in position true to line and level cast steel rocker/roller bearing of different load bearing capacity conforming to IS :7666, IS:9565, IS:1030, IS:919, IS:3073 and IRS Bridge Code including all accessories as per drawing and Technical Specifications with all material, labour, T&P as a complete job. The payment shall be made for the load bearing capacity in Metric Tonne as per approved drawing.	MT	1875	684.22	1282912.50
					Total	190401396.88
Schedule	C-Supply and using of Cement under USSOR-2021					
Item - 3	Execution of all works as detailed in Schedule-C					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

		Supply and using Cement at Worksite				
1	025072	Ordinary Portland Cement 53 grade of approved brands/makes	MT	3470.4	8819.69	30607852.18
2	025073	Pozzolana Portland Cement approved brands/makes	MT	2621.6	8213.60	21532773.76
					Total	52140625.94
Schedule	D-Supply and using of Reinforcement Steel under USSOR-2021					
Item - 4	Execution of all works as detailed in Schedule-D					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supply of steel reinforcement of approved brands/makes for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
1	025082	Thermo-Mechanically Treated bars of grade Fe-500D or more of approved brands/makes.	Kg	1986910	102.40	203459584.00
					Total	203459584.00
Schedule	F-Deflection Test (Non-USSOR Items)					
Item - 6	Execution of all works as detailed in Schedule-F					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Carrying out deflection test for steel girder as per the approved arrangement with Contractor's own materials, tools and plants, labour etc. complete. Note:- Unit shall be treated as "Complete Job" instead of "Job"	Job	4	57865.37	231461.48
					Total	231461.48
Schedule	G-Laying B.G Pway & Fixing of Guard rails (Non-USSOR Items)					
Item - 7	Execution of all works as detailed in Schedule-G					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Laying of Broad gauge P.Way track on straight and curves on formation, ballast deck bridges and level crossings with 60Kg/52Kg Rails and 52 kg / 60 kg PSC sleepers at sleeper density of 1540 Nos/1660 Nos or more/Kmwith Railways rail and PSC sleepers and special PSC sleepers for ballasted deck bridges and level crossings with complete fittings such as grooved rubber pad, metal liners/GFN liners, elastic rails clips etc, at specified sleeper density as directed by AXEN/XEN suitable for FP/SWR/LWR track etc. The rates are inclusive of following. i) Handling of rails 60Kg/52Kg ordinary & special and their fittings and carrying up to a lead	Kilometre	0.34	401219.21	134408.44

of 500 metre for rails 60Kg/52Kg and PSC sleepers 60Kg/52Kg ordinary and specials and up to a lead of 1Km for fittings from cess/toe of formation along the formation of from field depots to actual place of laying and or fixing.ii) Laying of sleepers over the ballast already spread and squaring the same to correct spacing.iii) Fixing of rails to sleepers with suitable fittings and providing correct gap at ends as required for FP/SWR/LWR track and greasing fish plates where necessary with contractor's grease, oiling fish bolt with contractor's black oil and fixing the sameiv) The rate includes fixing of Railways SEJ's if required at the locations specified by the Engineer or his representative. v) Providing initial packing to the concrete sleeper track involving opening out ballast where necessary squaring sleepers. Slewing track to correct alignment, gauging, tightening of fittings, leveling the track to required cross-level, packing the sleeper and boxing of ballast to standard ballast profile as per Indian Railway P.Way Manual as directed by Engineering- in-charge at site.vi) Cutting of rail by rail sawing machine and drilling holes for adjusting on curves.vii) Marking of position of sleeper on foot, web, head of rail with contractor's paint etc.viii) Use of Railway joggle fish plates for rail joints to be welded and returning back of the same to Railway store depot after completion of welding work. ix) Clearing of hole of MCI insert by removing concrete, rust or any other material and greasing the hole with contractor's grease of Rly's specification. x) Extra work on curves after initial laying by re-alignment of curve, slewing as required providing versine and cross level and providing extra ballast as per IRPWM, greasing of gauge face of the rails in curves(With contractor's grease).Payment Schedule for item No.9Note-1I) 50% of the accepted rate will be paid after placement of the sleepers, rails and fastenings rails to sleepers, squaring and correcting sleeper packing.ii) 20% payment of accepted rate will be made after lifting and packing the track, aligning, gauging, realigning of the curves and providing super elevation.iii) The 20% of the accepted rate will be paid after

		bringing the track geometry to the desired level as specified in (ii) & dressing of the ballast to correct profile.iv) Balance 10% of the accepted rate will be paid after track certification for passage of traffic and attending to track geometry defects pointed out and completion of works I.e. grading of MCI inserts, ERC and fishplates.Note-2 : 40% extra payment will be made for curved track after completing extra works involved in Sl.No.1(x)Note-3 : 30% extra payment will be made if the work is executed under traffic block.				
2	2	Fixing of guardrails On straight portion as per the standard drawing for guard rails on Major Bridges, FOB, ROB etc. including transportation of small fittings from Railway's stores, cleaning of holes for fixing rails screws. The rate includes all tools & plants, labour and all incidental charges. Note:- Transportation of guard rails from nearest depot will be paid under relevant schedule.	Per Track Metre	335	24.72	8281.20
					Total	142689.64
Schedule	H-Proof load Testing (Non-USSOR Items)					
Item - 8	Execution of all works as detailed in Schedule-H					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Proof load testing of complete steel "I" Girder with deck slab/PSC slab as per the method of test and load specified in the drawing including loading the deck slab with sand bags or rails or any other suitable material and repeating the test if recovery is less than 85% of the permissible deflection within 24 hours of removal of load with contractors labour, tools, plants, machinery with all lead and lift etc. complete as directed by Engineer-in-charge. (Note: Rate is same for all types of spans)	Each Span	1	295765.47	295765.47
					Total	295765.47
Schedule	I-H-Beam Steel Sleepers (Non-USSOR Items)					
Item - 9	Execution of all works as detailed in Schedule-I					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Fabrication, manufacture, supply of galvanized H - Beam steel Sleepers made out of the materials as per the specification given and as per the approved drawing No.RDSO/B/1636/4 and fixing on the noninated girder br dges with	Per Sleeper	510	21058.87	10740023.70

		<p>maximum clea spacing of 450 mm as per the instructions of Engineer in chage inciuding supply & fixing galvanized zero toe load fastening as per approved drawings, MS canted base plates, special liners, rails pads with embedded steel plate, elastic rail clips, electromeric pads/rubber pads etc. including welding, rivetting/drilling holes wherever necessary with all contractor's labour, tools, plant, machinery, transportation to bridge site, lead, lift, loading and unloading etc complete and as directed by the Engineer in Charge. (Above mentioned drawing is tentative. Latest updated drawing of RDSO to be followed while eXecution of work). Note: (i) IS HB-200 sleepers should be made of standard rolled section confirming to I.S. 2062 Gr-"A" Beams and MS plates to IS 2062 Gr- "B" filly killed & normalised. (ii) Galvanizing should be done after welding MS pad plates to H-Beam sleepers. (ii) The elastomeric pads of steel channel leepers shall be procured from RDSO approved sources only and shall be inspected by RDSO/RITES and used only after RDSO/RITES certification. The list of RDSO approved firms can be ascertained at the time of execution. (iv) The fittings of H-Beam steel sleepers shall be inspected by RDSO/RITES certification. Contractor will have to arrange for inspection at their Own cost. (v) The tenderer/contractor shall advise Railway regarding readiness of the above items for inspection well in advance furnishing the clear address where inspection is to be carried out to enable Railway to communicate the same to RDSO/RITES. (vi) Painting of the top flange of the girder shall be carried out with one coat of red lead and two coats of red oxide (as per Railway specification) with the contractor's own labour, tools, materials etc.</p>					
						Total	10740023.70
Schedule	J-Deck slab (Non-USSOR Items)						
Item - 10	Execution of all works as detailed in Schedule-J						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Providing RCC M-25 or richer mix design with contractor's cement and reinforcement and with	cum	101	3809.71	384780.71	

		contractor's hard quarried well graded stone aggregate of size 20 mm and below and sand, all materials of approved quality in box bridges, beam, abutment, return wall, bed block, deck slab and all similar works etc. above or below ground level of any size and shape cast in situ inclusive of all labour and materials required, lead, lift, loading, unloading, tools & plants, and binding reinforcement with contractor's binding wire of size 18 SWG, curing etc. complete as required. NOTES: i) Cost of reinforcement including cutting, bending, placing in position & binding shall be paid separately under Sch.D. No payment shall be made for binding wire. (ii) Only rigid slip shuttering and support work should be used for all concrete work for which payment will be made in Sch.E. iii) All concrete must be vibrated with mechanical vibrators iv) Hand broken coarse aggregate will not be permitted for use in concrete work. Only machine crushed stone aggregate shall be permitted. v) All the concrete mix shall be designed in conformity with Indian Railway concrete bridge code with all upto date corrections. vi) Mixing of concrete to be done only by RMC plant. vii) Payment for cement & steel will be made under Sch.C & D respectively. viii) Mix design will be done by contractor at his own cost.					
						Total	384780.71
Schedule	K-Watch and Ward (Non-USSOR Items)						
Item - 11	Execution of all works as detailed in Schedule-K						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
1	1	Execution of miscellaneous works like watchman duties for SSE/JE(Con)/Works/P.way/Bridge during day/night assisting the supervisor at site during survey, inspections and measurement of works etc. with contractors skilled men as directed by Engineer-in- charge.	Man-Days	730	569.00	415370.00	
2	2	Execution of miscellaneous works like assisting the supervisors for SSE/JE(Con)/Works/P.Way/Bridge at site during survey, inspections and measurement of works etc. with contractors high skilled men as directed by Engineer-in-charge.	Man-Days	730	666.00	486180.00	
						Total	901550.00

Schedule	L-Hiring of Vehicle (Non-USSOR Items)					
Item - 12	Execution of all works as detailed in Schedule-L					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Hiring of Vehicles (01 no of five seater pick up van or similar for the use of staff posted at site for the said work for the purpose of inspection and supervision of work for a period of 18 months. (Qty = 01 no x24=24 months)	Vehicle-Month	24	28266.97	678407.28
					Total	678407.28