

(Letter of Acceptance)

No. IRCON/2046/H-Beams/251/ 6656

Date: 17.07.2023

To,

M/s. JCL Infra Private Limited,

Partapur Industrial Area Delhi Road,

Meerut, Uttar Pradesh.

Pin Code: 250103

Email: jclinfra Pvt Ltd@gmail.com

Mobile No. +91-9837032253

Sub: Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 2, 3, 4, 5, 6, 8, 9, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project (**Pkg-1: Br. No. 2, 3, 4, 5, 6 & 9**)

Ref: 01. e-tender no. IRCON/2046/NFR-SRRP/H-Beam Sleepers/251 Date: 18.04.2023

02. Your Technical bid opened on dated 23.05.2023 and Financial bid opened on dated 20.06.2023

03. Our letter No. IRCON/2046/H-Beams/251/6551 dated 08.07.2023

04. Your letter No. JCL/TNDR/2046/2023-24/1393 dated 11.07.2023

With reference to above, this is to inform you that your offer and your subsequent acceptance for the subject work of "Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 2, 3, 4, 5, 6, 8, 9, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project has finally decided to award the work for **Br. No. 2, 3, 4, 5, 6 & 9** at a total value of Rs. 8,43,03,766.76/- (Rupees Eight Crore Forty Three Lac Three Thousand Seven Hundred Sixty Six and Paise Seventy Six) Only including of all taxes and GST @18%. The summary of BOQ accepted by the competent authority is enclosed at Annexure-A

(I) SCOPE OF WORK:

The scope of work is as indicated in clause no. 1.6 of Instruction to Tenderer and further modified vide our office letter under ref-03.

(II) PAYMENT TERMS:

The payment will be release as per clause no. 59 of Special Condition of Contract.

(III) QUANTITY VARIATION

The quantities of items shown in the Bill of Quantities are approximate and liable to vary during the actual execution of the work. The Contractor shall be bound to carry out and complete the stipulated work, irrespective of the variations in individual items, specified in the Bill of Quantities. Such variations in quantities shall be paid for in the manner laid down under Clause No. 41 & 42, Part (2) of GCC Railways, April'2022.

(IV) Taxes and duties:

The quoted rates shall be inclusive of all the taxes, duties and GST & 18% etc. The Statutory deduction will be made in the bill as per prevailing rules etc. The taxes and duties shall be dealt under clause no. 59.12 of SCC.

(V) Completion Period

The work is required to be completed within a continuous period of **10 months** including monsoon period from the date of issue of letter of acceptance as per the clause no. 71 of SCC. The work has to be executed in co-ordination with other agencies working on or near the project.

(VI) Defect liability period:

Defect liability Period shall be dealt as per clause no.72 of SCC. The contractor shall maintain , rectify and make good at his own cost any defect / deficiencies , which may develop in the work or as notified by the Engineer during Defect Liability Period of **12 months** from the certified date of completion. However, maintenance during Defect Liability Period shall not include day to day upkeep, cleaning, custody and security of the work. Any defect arising due to defective construction / material / workmanship in any structure(s) during the period(s) specified above and due to causes enumerated above, the contractor shall rectify the same at no extra cost.

(VII) Insurance:

As per the clause no. 5 of SCC , the agency have to obtain contractors All Risk policy for the works in the joint name of IRCON & agency and other policies to be obtained by the agency as stipulated under clause - 5 of SCC.

(VIII) Performance Security & Retention money:

Performance Security & Retention money shall be dealt as per clause no. 4.0 of SCC and has to deposit **3 % of Original Contract value** of Rs. 8,43,03,766.76/- i.e. Rs. 25,29,114/- (Rupees Twenty Five Lacs Twenty Nine Thousand One Hundred Fourteen only). The Performance Guarantee shall be obtained as per Clause No. 4 of the Special Condition of the Contract.

(IX) Contract Agreement:

In terms of clause no. 8.5 of Special Condition of Contract, you are advised to attend the office of GM/PH/Sivok-II, IRCON for signing of Contract Agreement within 28 days from the date of issue of LOA.

(X) All the terms & condition will remain same as per tender document. This letter of acceptance along with your submitted offer shall constitute a legal and binding contract between **IRCON International Limited** and **M/s. JCL Infra Private Limited** till such time the formal contract agreement is signed.

(XI) Conditions mentioned above in this LOA are a brief reference of the terms of Tender document. Detailed Terms & conditions other than above shall also be as per NIT/Tender document & corrigendum, which shall be an integral part of this contract and shall be binding on you.

(XII) This letter of acceptance is being issued in duplicate. One copy may please be signed, stamped and returned to this office as a token of your unconditional acceptance.

Thanking You,

Enclosure:

1. Bill of Quantity – Annexure-A

For & on behalf of
IRCON International Limited



(P. Purkayastha)
General Manager/PH/Sivok-II

Copy to:

1. PD/SRRP - for kind information please.
2. CGM/PH/Rangpo - for kind information please.
3. GM/Fin/SRRP - for kind information please.

Annexure-A

ABSTRACT

Name of Work: Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 2, 3, 4, 5, 6, & 9,) in connection with Sivok - Rangpo New BG Single Line Railway Project.

e-Tender No: IRCON/2046/NFR-SRRP/H-Beam Sleepers/251 Date: 18.04.2023

Sl. No.	Schedule	SOR / NON SOR	Details	Total Tendered Amount (in Rs.)	M/s. JCL Infra Private Limited
1	Schedule-A	SOR	Supply of Sleepers, Fittings and Track Linking Works	10,97,57,835.05	5,49,18,681.34
2	Schedule-B	NON SOR	Track & General Works	3,72,50,379.32	1,85,85,435.83
3	Schedule-C	SOR	Unforeseen activities shall be done under NFR USSOR-2021 prize schedule which are not covered by above schedules (excluding GST)	50,00,000.00	25,00,000.00
Estimated Cost without GST (in Rs.)				15,20,08,214.37	7,60,04,117.17
Add GST @18% (in Rs.)				2,73,61,478.59	1,36,80,741.09
Total Estimated Cost with GST (in Rs.)				17,93,69,692.96	8,96,84,858.26
Value of the work Proposed to be awarded to M/s JCL Infra Pvt. Ltd (Rs.)				16,86,07,511.38	8,43,03,766.76
Quoted - 6.00% (below)					

Bill of Quantity

Sl. No.	SOR / NON SOR	Description	Unit	Qty.	BoQ Rate (Rs.)	Amount (Rs.)	M/s. JCL Infra Private Limited Qty.	Amount (Rs.)
101	SOR	Schedule-A: Supply of Sleepers, Fittings and Track Linking Works - SOR Fabrication & supply of Galvanized H-beam Sleepers made out of the materials conforming to IS 2062 of standard Rolled sections as per approved drawing Nos RDSO/B/1636/4/R.5&9 complete and as directed by Engineer-in charge. Note: Cost of steel fittings and GRSP shall be paid separately. Payment Schedule: (a) 55 % payment may be released against procurement of materials (against BG Bond) (b) 15% would be released against transportation of materials at IRCON's Site (c) Thereafter, 25% payment would be released against erection/installation of sleepers over bridges. (The sleepers should be installed as per relevant RDSO drawings and however, the drawings must be prepared by contractor as per site conditions & it may be approved by RDSO/N.F.Ry/IRCON prior to execution of site work.) (d) Remaining, 5% on commissioning of section.	MT	567	1,41,047.89	7,99,74,153.63	284	4,00,57,600.76
102	SOR	Supplying of Zero toe load fixtures for H-Beam sleepers of 52/60Kg Rails procured from RDSO approved firms as per RDSO approved drawing with up-to-date correction slips and specifications with all contractor's lead, lift, labour, tools, plant, transportation etc. complete as per instructions of Engineer in-charge. Note: Complete fixture for 1 sleeper shall constitute 1 set.	Set	3400	5,155.46	1,75,28,564.00	1703	87,79,739.29
103	SOR	Manufacture & supply of a set of 2 Nos of Elastomeric Pads 25mm / 30mm thick and 4 nos of Grooved rubber pads as per RDSO drawing No. B/1636/5 alt 2 to suit Insulated H Beam sleepers from RDSO approved sources with all contractor's material, lead, lift, labour, tools, plant and transportation etc. complete as per approved drawings and as instructed by Engineer in-charge. Note: One Set consists of 2 nos. Elastomeric Pad 25mm/30mm and 4 nos. Grooved Rubber Pad.	Set	3400	2,001.89	68,06,426.00	1703	34,09,215.14
104	SOR	Loading of rails of any section and length up to 13 metres in Wagons / Truck / trailer including lead up to 50 metres and lift up to 5 metres.						
104(a)	SOR	In Wagon where mechanical handling is possible and traffic block is not required or in Truck/trailer.	MT	550	154.13	84,771.50	272	41,923.36
105	SOR	Unloading of rails of any section and length up to 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/trailer including lead up to 50 metre, lift up to 5 metre and stacking in prescribed manner.						
105(a)	SOR	From Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer.	MT	550	112.90	62,095.00	272	30,708.80

Sl. No.	SOR / NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
106	SOR	Loading of 52kg / 60kg PSC normal line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 metre and lift up to 5 metre, if required with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @50% of the all inclusive cost of sleeper shall be levied.					
106(a)	SOR	In Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer	MT	160	123.30	19,728.00	77
107	SOR	Unloading of 52kg / 60kg PSC line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 metre & lift up to 5 metre with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @50% of the all inclusive cost of sleeper shall be levied.					9,494.10
107(a)	SOR	From Truck / Trailer	MT	160	108.01	17,281.60	77
108	SOR	Transportation of Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: 1. Lead shall be the shortest motorable road length between the points of loading and unloading. 2. Loading and unloading shall be paid extra under relevant items.					
108(a)	SOR	Lead up to 5 Km	MT	141.00	50.97	7,186.77	93.00
108(b)	SOR	Lead beyond 5 Km and up to 10 km	MT	153.00	91.05	13,930.65	121.00
108(c)	SOR	Lead beyond 10 Km and up to 20 km	MT	40.00	145.69	5,827.60	35.00
108(d)	SOR	Lead beyond 20 Km and up to 30 km	MT	60.00	212.33	12,739.80	5.00
108(e)	SOR	Lead beyond 30 Km and up to 50 km	MT	147.00	305.00	44,835.00	57.00
108(f)	SOR	Lead beyond 50 Km and up to 100 km	MT	161.00	507.04	81,633.44	5.00
109	NON SOR	Linking of track on Girder Bridge with Steel Channel/H-beam sleepers as per approved drawings including leading of running and guard rails, sleepers and fittings, bending of guard rails, notching, drilling of holes, cutting of rails etc. as per IRPWM with latest correction slips and making track structure fit for normal speed. Note: 1) Rails shall be supplied by IRCON at Sivok Yard. 2) Steel Channel/H-beam sleeper and all fittings will be arranged by contractor and same shall be paid under relevant BoQ item. 3) Transportation of track material if supplied beyond 250m of bridge approaches, shall be paid separately under relevant item.	TRM	1930	591.30	11,41,209.00	967
							5,71,787.10

Sl. No.	SOR/ NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
110	SOR	Linking of BG track (with guard rail) over ballasted deck bridges with any type of rail section and PSC sleeper including leading free rails/welded panels available along the alignment on to bridge, leading and spreading all fittings and fastenings, leading & spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails & guard rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item. 3. This item shall be applicable only when track is with Guard Rail. Linking without guard rail be paid under relevant item for plain track linking.	TRM	260	424.88	1,10,468.80	121 51,410.48
111	SOR	Linking of BG track (except at LC, Bridges and SEJs) with any type of rail section and sleeper of specified density, on ballast bed spread and compacted with suitable roller, over prepared formation including leading free rails/welded panels available along the alignment on to formation, leading and spreading all fittings and fastenings, spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item.					
111(a)	SOR	For sleeper density of 1660 sleepers per km	TRM	50	298.02	14,901.00	25 7,450.50
112	SOR	Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails up to 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2012) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2020)					

Sl. No.	SOR/ NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
112(a)	SOR	60 Kg - 110/90 UTS - Outside Track	Each	100	290.58	29,058.00	49
112(b)	SOR	52 Kg - 90 UTS - Outside Track	Each	480	268.05	1,28,664.00	235
113	SOR	Drilling holes of 16 mm to 32 mm dia. with Rail Drilling machine including chamfering with appropriate chamfering tools in all types of rail section with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Rail Drilling Machine will be as per RDSO Specification No. TM/SM/3, dated 24.04.1991.					
113(a)	SOR	Outside Track	Each	3800	56.31	2,13,978.00	1870
114	SOR	Supplying & applying single liquid solution in 250ml pack, having break loose torque of 400Nm to 540Nm, as per ISO:10123 norms with shear strength of liquid solutions as 25 to 35 N/mm ² , viscosity 1500 to 3000 (Centipoise) & specific gravity of 1.1 ± 0.05. for tightening of nuts & bolts at important locations, such as Bridges, SEJs, Turnouts, Fish Plates, Steel Channel Sleepers etc. Work includes opening of bolts, cleaning of bolts with suitable cleaner and tightening of bolts after applying liquid solution as directed by Engineer in-charge.					
114(a)	SOR	Bolts dia. 20mm to 25mm	Each	1840	26.97	49,624.80	908
114(b)	SOR	Bolts dia. 26mm to 30mm	Each	2100	30.09	63,189.00	1035
115	SOR	Anti-corrosive painting of rail outside track on rail bottom, web, foot and fishing plane with two coats of thickness of 100 microns each by bituminous black paint confirms to IS-9862 of reputed make including surface preparation, as a complete job as per procedure prescribed in latest edition of IRPWM.					
115(a)	SOR	For 60 Kg Rails	RM	4480	70.53	3,15,974.40	2208
115(b)	SOR	For 52 Kg Rails	RM	4380	62.66	2,74,450.80	2160
116	SOR	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	19100	81.59	15,58,369.00	9567
117	SOR	Providing Rail Barricading with rails supplied by Railways with verticals provided at every 1.5m interval, height of barricade being up to 1.5m above ground / termination level and one or more row of horizontal rail, duly cutting rails and drilling holes as required, assembling necessary accessories to required length, including earthwork excavation for foundation, fixing posts in cement concrete 1:3:6 base of size 0.45m x 0.45m x 0.60m and one coat of red oxide painting of steel work. Note: 1. Excavation and concrete work will be paid separately. 2. Rail shall be made available within 250 metres.	MT	64	1,659.81	1,06,227.84	32
							53,113.92

Sl. No.	SOR/ NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
118	SOR	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 upto 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. - All kinds of soils 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	cum	80	183.03	14,642.40	40 7,321.20
119	SOR	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 : 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	cum	70	3,795.86	2,65,710.20	35 1,32,855.10
120	SOR	Centering and shuttering including strutting, propping etc. and removal of form for : All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc. up to 5m above ground level	Sqm	620	641.88	3,97,965.60	310 1,98,982.80
121	SOR	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete: Thermo-Mechanically Treated bars of grade Fe-500D or more of approved brands/makes.	Kg	2000	101.49	2,02,980.00	1000 1,01,490.00
122	SOR	Supply and using Cement at Worksite - Ordinary Portland Cement 53 grade of approved brands/makes	MT	26	8,124.97	2,11,249.22	13 1,05,624.61
Subtotal of Schedule-A (In INR)						10,97,57,835.05	5,49,18,681.34
Schedule-B: Track & General Works - NON SOR							
201	NON SOR	Supplying & fixing Gang pathway of Stainless Steel chequered plates between guard rails on un-ballasted deck bridge for gang pathway, overlapping at regular intervals of 2m to 2.5m with bolts duly drilling holes in chequered plate, as directed on new bridge or replacement of existing gangway on old bridge including removal of old chequered plates and stacking near approaches of bridge clear from all infringement. Note: Overlapping of chequered plates shall not fall in between sleepers.					

Sl. No.	SOR / NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
201(a)	NON SOR	Anti skid Stainless steel chequered plate of 409 M Grade as per Specification ASTM A240 SS and Pattern conforming to BIS 3502 with average thickness of 6.0 mm or as instructed by the engineer with bead height of 0.8 mm min thick - on New Bridges	Kg	43000	166.56	71,62,080.00	21540 35,87,702.40
202	NON SOR	Manufacturing and supplying of steel fittings other than Zero toe load fittings for H Beam sleepers. These steel fittings include nuts, bolts, washers, split pins etc., required for guard rail assembly and hook bolt assembly with all contractor's material, lead, lift, labour, tools, plant and transportation etc. complete as per latest approved drawings and as instructed by Engineer in-charge	Kg	51000	135.31	69,00,810.00	25546 34,56,629.26
203	NON SOR	Supply of Fish Plates 52 kg as per RDSO Drg. No. T-090(M) with bolts as per RDSO Drg. No. T-11501 Size: 25x130mm long (one set includes 2 fish plates and 4 bolts)	Set	350	3,395.00	11,88,250.00	173 5,87,335.00
204	NON SOR	Supply of Fish Plates 60 Kg Rail one meter long as per standard drawing of RDSO No. T-5916	No.	700	4,753.77	33,27,639.00	345 16,40,050.65
205	NON SOR	Supply of Joggled Fish Plates (2 No. per set) with 4 pair clamps, 4 No. Bolts & Nuts and 8 No. special washers : For 60 Kg as per RDSO Drawing No. T-4016	No.	48	8,582.23	4,11,947.04	24 2,05,973.52
206	NON SOR	Supply of machine crushed 50 mm size stone ballast (Pakur variety from Pakur quarry) as per RDSO's specifications for track ballast with (up to date correction slips and stacking the same at nominated places / locations / stack yard along the section at following locations as directed by the Engineer or his authorised representative with contractor's own labours, tools, plants, machineries, transports including all leads, lifts, ascents, descents, clearance of site, crossing of tracks, nullah or any other obstructions etc. handling / re - handling with all other incidental charges. The rate includes all charges like procurement of machine crushed ballast from Pakur quarry, payment of royalty, local taxes, GST or any other taxes, Transportation from quarry to the nominated stack location, all loading / unloading, dressing and stacking etc making and maintaining service roads, complete in all respects.	Cum	900	3,503.15	31,52,835.00	416 14,57,310.40
207	NON SOR	Handling, Lifting & Leading of ballast from measured stacks with lead of 100m and spreading of stone ballast on formation, track & turnouts to ensure uniform & compact ballast cushion under the sleepers with desired ballast profile. Spreading of ballast will be done in two stages i.e. (i) on the formation before laying the track and (ii) in the track and points & crossings with contractors labor with lead up to 100 meter and with all lift. No extra payment will be made for crossing of railway lines etc.					
207(a)	NON SOR	for lead between 0-100 m	Cum	900	131.36	1,18,224.00	416 54,645.76
208	NON SOR	Combo GFN liners 60kg rail 60 kg sleeper to RDSO Drag. No. T-6938-6939	Set	1040	40.61	42,234.40	490 19,898.90

SL No.	SOR/ NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
209	NON SOR	IERC to RDSO Drag. No. T-5919	Nos.	2080	105.12	2,18,649.60	980
210	NON SOR	60 kg SEJ with complete fittings as per RDSO Drag. No. T-6922	Set	24	4,72,756.09	1,13,46,146.16	12
211	NON SOR	Welding of rail joints of 60kg by SKV process with contractors portion purchased from RDSO firm (to be supplied with authenticated certificate), dry moulds including other welding materials, supplying skilled/artisan staff like welder, molder, chipper, lette, aligner, striker/hammer man & adequate nos. of semi skilled & unskilled labor and supplying petro., as required for facilitating welding works on track by shifting the joint sleepers up to 30cm on either side, providing suitable gap of about 23mm to 25 mm for welding, fixing the petrol tanks & heating the rail ends by approved contractors equipment and chipping the excess materials if required, aligning, leveling etc. complete including filling after welding on cess.	Each Joint	350	5,068.32	17,73,912.00	174
212	NON SOR	USFD testing of 60 Kg/52kg rail welds (flash butt/SKV) as per RDSO manuals and submitting reports on Performa as directed by the engineer.	Each Joint	350	72.66	25,431.00	174
213	NON SOR	Manufacturing, fabricating and erecting in position the various boards including painting, writing and engraving as per Railway's drawings or as directed by Engineer in charge viz. curve board, mattam, SEJ board, flag station boards, indicator boards, major and minor bridge board, termination indicator boards and other various boards as per requirement with contractor's own tools and plants & material, labourers, lead and lift etc complete. Nothing extra shall be payable other than the rate accepted. (i) The payment for excavation and concreting shall be paid under relevant BOQ items. (ii) Rails (if required) for the post shall be supplied by Railway at free of cost. (iii) The steel shall be free from any dust, rust, foreign particle etc. (iv) The payment shall be made only after actual utilization at site as per approved drawings. (v) No piece shall be used except otherwise necessary and that too as per actual requirement. (vi) The steel shall be from Railway approved firms only. (a) With Contractor's own steel Note: (i) Fabrication of boards with contractor's own materials. (ii) The angles and sheets used for boards will be as per railways specifications and as directed by Engineer in charge. (iii) Rails for stands (if required) will be supplied by the IRCON free of cost, however no payment for fabrication/bending/cutting etc. shall be payable.	MT	3	1,17,957.20	3,53,871.60	1.6
							8,81,887.68
							1,03,017.60
							56,73,073.08
							12,642.84
							1,88,731.52

LP

Sl. No.	SOR / NON SOR	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)	Qty and Amount of M/s. JCL Infra Private Limited
214	NON SOR	Cost of hiring and running of commercial numbered light motor vehicles on monthly rental basis including cost of driver, all maintenance and repairing of vehicles for movement of IRCON officers/ staff. The rates are lumpsum including running of 3500 km per month per vehicle. Vehicle should be in excellent running condition, manufactured not earlier than 2022 and shall be accepted by IRCON. Make of vehicle shall be Mahindra Scorpio/ Xylo/Duster or equivalent. Beyond 2500 Km, Diesel / Petrol reimbursement shall be as under: 1.(One) litre diesel/petrol per 9 (nine) Km running of vehicle in all types of roads & condition of roads. The rate of the Diesel/Petrol shall be taken as that of ordinary Diesel/Petrol. The rate of the Diesel/Petrol shall be taken as the rate prevailing on 15th of the month for which the vehicle has been used.	Vehical Month	24	51,181.23	12,28,349.52	14 7,16,537.22
Subtotal of Schedule-B (in INR)							1,85,85,435.83
Schedule-C: Unforeseen activities shall be done under USSOR-2021 prize schedule-SOR							
301	SOR	Unforeseen activities shall be done under NFR USSOR-2021 prize schedule which are not covered by above schedules (excluding GST).	-	-	-	50,00,000.00	25,00,000.00
Total of above items							7,60,04,117.17
Add GST @18%							1,36,80,741.09
Total Estimated Cost							8,96,84,858.26
Proportionate value of the work to be executed by L1 bidders @6% below							8,43,03,766.76

NOTE (i) Work related to bridge No. 2, 3, 4, 5, 6 & 9: for M/s. JCL Infra Private Limited.

(Letter of Acceptance)

No. IRCON/2046/H-Beams/251/6655

Date: 17.07.2023

To,
M/s. BRBA INFRATECH LLP,
Near DRM Building, Alipurduar Junction,
Dist- Alipurduar, West Bengal.
Pin Code: 736123
Email: brbainfratechllp2022@gmail.com
Mobile No. +91-9564003322

Sub: Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 2, 3, 4, 5, 6, 8, 9, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project (**Pkg-2: Br. No. 8, 13, 14, 15, 16 & 17**)

Ref: 01. e-tender no. IRCON/2046/NFR-SRRP/H-Beam Sleepers/251 Date: 18.04.2023
02. Your Technical bid opened on dated 23.05.2023 and Financial bid opened on dated 20.06.2023
03. Our letter No. IRCON/2046/H-Beams/251/6552 dated 08.07.2023
04. Your letter No. BRBA/23-24/S-R/01 dated 15.07.2023

With reference to above, this is to inform you that your offer and your subsequent acceptance for the subject work of "Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 2, 3, 4, 5, 6, 8, 9, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project has finally decided to award the work of **Br. No. 8, 13, 14, 15, 16 & 17**" at total value of Rs. 8,43,03,744.62/- (Rupees Eight Crore Forty Three Lac Three Thousand Seven Hundred Forty Four and Paise Sixty Two) Only including of all taxes and GST @18%. The summary of BOQ accepted by the competent authority is enclosed herewith and placed at **Annexure-A**

(I) SCOPE OR WORK:

The scope of work is as indicated in clause no. 1.6 of Instruction to Tenderer and further modified vide our office letter under ref-03.

(II) PAYMENT TERMS:

The payment will be release as per clause no. 59 of Special Condition of Contract.

(III) QUANTITY VARIATION

The quantities of items shown in the Bill of Quantities are approximate and liable to vary during the actual execution of the work. The Contractor shall be bound to carry out and complete the stipulated work, irrespective of the variations in individual items, specified in the Bill of Quantities. Such variations in quantities shall be paid for in the manner laid down under Clause No. 41 & 42, Part (2) of GCC Railways, April'2022.

(IV) Taxes and duties:

The quoted rates shall be inclusive of all the taxes, duties and GST & 18% etc. The Statutory deduction will be made in the bill as per prevailing rules etc. The taxes and duties shall be dealt under clause no. 59.12 of SCC.

(V) Completion Period

The work is required to be completed within a continuous period of **10 months** including monsoon period from the date of issue of letter of acceptance as per the clause no. 71 of SCC. The work has to be executed in co-ordination with other agencies working on or near the project.

(VI) Defect liability period:

Defect liability Period shall be dealt as per clause no.72 of SCC. The contractor shall maintain, rectify and make good at his own cost any defect / deficiencies , which may develop in the work or as notified by the Engineer during Defect Liability Period of **12 months** from the certified date of completion. However, maintenance during Defect Liability Period shall not include day to day upkeep, cleaning, custody and security of the work. Any defect arising due to defective construction / material / workmanship in any structure(s) during the period(s) specified above and due to causes enumerated above, the contractor shall rectify the same at no extra cost.

(VII) Insurance:

As per the clause no. 5 of SCC , the agency have to obtain contractors All Risk policy for the works in the joint name of IRCON & agency and other policies to be obtained by the agency as stipulated under clause - 5 of SCC.

(VIII) Performance Security & Retention money:

Performance Security & Retention money shall be dealt as per clause no. 4.0 of SCC and has to deposit **3 % of Original Contract value** of Rs. 8,43,03,744.62/- i.e. Rs. 25,29,113/- (Rupees Twenty Five Lacs Twenty Nine Thousand One Hundred Thirteen only). The Performance Guarantee shall be obtained as per Clause No. 4 of Special Condition of the Contract.

(IX) Contract Agreement:

In terms of clause no. 8.5 of Special Condition of Contract, you are advised to attend the office of GM/PH/Sivok-II, IRCON for signing of Contract Agreement within 28 days from the date of issue of LOA.



(X) All the terms & condition will remain same as per tender document. This letter of acceptance along with your submitted offer shall constitute a legal and binding contract between **IRCON International Limited** and **M/s. BRBA INFRATECH LLP** till such time the formal contract agreement is signed.

(XI) Conditions mentioned above in this LOA are a brief reference of the terms of Tender document. Detailed Terms & conditions other than above shall also be as per NIT/Tender document & corrigendum, which shall be an integral part of this contract and shall be binding on you.

(XII) This letter of acceptance is being issued in duplicate. One copy may please be signed, stamped and returned to this office as a token of your unconditional acceptance.

Thanking You,

Enclosure:

1. Bill of Quantity – Annexure-A

For & on behalf of
IRCON International Limited



(P. Purkayastha)
General Manager/PH/Sivok-II

Copy to:

1. PD/SRRP - for kind information please.
2. CGM/PH/Rangpo - for kind information please.
3. GM/Fin/SRRP - for kind information please.

ABSTRACT

Name of Work: Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 8, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project.

e-Tender No: IRCON/2046/NFR-SRRP/H-Beam Sleepers/251 Date: 18.04.2023

Sl. No.	Schedule	SOR / NON SOR	Details	Total Amount (in Rs.)	M/s. BRBA Infratech LLP
1	Schedule-A	SOR	Supply of Sleepers, Fittings and Track Linking Works	10,97,57,835.05	5,48,39,153.71
2	Schedule-B	NON SOR	Track & General Works	3,72,50,379.32	1,86,64,943.49
3	Schedule-C	SOR	Unforeseen activities shall be done under NFR USSOR-2021 prize schedule which are not covered by above schedules (excluding GST)	50,00,000.00	25,00,000.00
Estimated Cost without GST (in Rs.)				15,20,08,214.37	7,60,04,097.20
Add GST @18% (in Rs.)				2,73,61,478.59	1,36,80,737.50
Total Estimated Cost with GST (in Rs.)				17,93,69,692.96	8,96,84,834.70
Value of the work proposed to be awarded to M/s BRBA Infratech LLP (Rs.)				16,86,07,511.38	8,43,03,744.62
Quoted - 6.00% (below)					

Bill of Quantity

Estimate for Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 8, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project.

e-Tender No: IRCON/2046/NFR-SRRP/H-Beam Sleepers/251 Date: 18.04.2023

Sl. No.	SOR / NON SOR	Description	Unit	Qty.	BoQ Rate (Rs.)	Amount (Rs.)	M/s. BRBA Infratech LLP Qty.	Amount (Rs.)
Schedule-A: Supply of Sleepers, Fittings and Track Linking Works - SOR								
101	SOR	Fabrication & supply of Galvanized H-beam Sleepers made out of the materials conforming to IS 2062 of standard Rolled sections as per approved drawing Nos RDSO/B/1636/4/R.5&9 complete and as directed by Engineer-in-charge. Note: Cost of steel fittings and GRSP shall be paid separately. Payment Schedule: (a) 55 % payment may be released against procurement of materials (against BG Bond) (b) 15% would be released against transportation of materials at IRCON's Site (c) Thereafter, 25% payment would be released against erection/installation of sleepers over bridges. (The sleepers should be installed as per relevant RDSO drawings and however, the drawings must be prepared by contractor as per site conditions & it may be approved by RDSO/NFR/IRCON prior to execution of site work.) (d) Remaining, 5% on commissioning of section.	MT	567	1,41,047.89	7,99,74,153.63	283	3,99,16,552.87
102	SOR	Supplying of Zero toe load fixtures for H-Beam sleepers of 32/60Kg Rads procured from RDSO approved firms as per RDSO approved drawing with up-to-date correction slips and specifications with all contractor's lead, lift, labour, tools, plant, transportation etc. complete as per instructions of Engineer in-charge. Note: Complete fixture for 1 sleeper shall constitute 1 set.	Set	3400	5,155.46	1,75,28,564.00	1697	87,48,824.71
103	SOR	Manufacture & supply of a set of 2 Nos of Elastomeric Pads 25mm / 30mm thick and 4 nos of Grooved rubber pads as per RDSO drawing No. B/1636/5 alt 2 to suit Insulated H Beam sleepers from RDSO approved sources with all contractor's material, lead, lift, labour, tools, plant and transportation etc. complete as per approved drawings and as instructed by Engineer in-charge. Note: One Set consists of 2 nos. Elastomeric Pad 25mm/30mm and 4 nos. Grooved Rubber Pad.	Set	3400	2,001.89	68,06,426.00	1697	33,97,210.86
104	SOR	Loading of rails of any section and length up to 13 metres in Wagons / Truck / trailer including lead up to 50 metres and lift up to 5 metres.						
104(a)	SOR	In Wagon where mechanical handling is possible and traffic block is not required or in Truck/trailer.	MT	550	154.13	84,771.50	278	42,848.14
105	SOR	Unloading of rails of any section and length up to 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/trailer including lead up to 50 metre, lift up to 5 metre and stacking in prescribed manner.						
105(a)	SOR	From Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer.	MT	550	112.90	62,095.00	278	31,386.20

Bill of Quantity

Estimate for Manufacturing, Supplying, Transportation, Fitting & Fixing of H-Beam Sleepers and track linking including all fittings on major bridges (Br. No. 2, 3, 4, 5, 6, 8, 9, 13, 14, 15, 16 & 17) in connection with Sivok - Rangpo New BG Single Line Railway Project.
e-Tender No: IRCON/2046/NFR-SRRP/H-Beam Sleepers/251 Date: 18.04.2023

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty	Amount of M/s BREIA Infratech LLP
Schedule-A: Supply of Sleepers, Fittings and Track Linking Works - SOR								
101	SOR	Fabrication & supply of Galvanized H-beam Sleepers made out of the materials conforming to IS 2062 of standard Rolled sections as per approved drawing Nos RDSO/B/1636/4/R/589 complete and as directed by Engineer-in charge. Note: Cost of steel fittings and GRSP shall be paid separately. Payment Schedule: (a) 55 % payment may be released against procurement of materials (against BG Bond) (b) 15% would be released against transportation of materials at IRCON's Site (c) Thereafter, 25% payment would be released against erection/installation of sleepers over bridges. (The sleepers should be installed as per relevant RDSO drawings and however, the drawings must be prepared by contractor as per site conditions & it may be approved by RDSO/N.F.R/IRCON prior to execution of site work.) (d) Remaining, 5% on commissioning of section.	MT	567	1,41,047.89	7,99,74,153.63	283	3,99,16,552.87
102	SOR	Supplying of Zero toe load fixtures for H-Beam sleepers of 52/60Kg Rails procured from RDSO approved firms as per RDSO approved drawing with up-to-date correction slips and specifications with all contractor's lead, lift, labour, tools, plant, transportation etc. complete as per instructions of Engineer in-charge. Note: Complete fixture for 1 sleeper shall constitute 1 set.	Set	3400	5,155.46	1,75,28,564.00	1697	87,48,824.71
103	SOR	Manufacture & supply of a set of 2 Nos of Elastomeric Pads 25mm / 30mm	Set	3400	2,001.89	68,06,426.00	1697	33,97,210.86
104	SOR	Loading of rails of any section and length up to 13 metres in Wagons / Truck / trailer including lead up to 50 metres and lift up to 5 metres.						
104(a)	SOR	In Wagon where mechanical handling is possible and traffic block is not required or in Truck/trailer.	MT	550	154.13	84,771.50	278	42,848.14
105	SOR	Unloading of rails of any section and length up to 13 metre, in neat manner for Railway usage from departmental material train (DMT) or contractor's / Railway's Truck/trailer including lead up to 50 metre, lift up to 5 metre and stacking in prescribed manner.						
105(a)	SOR	From Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer.	MT	550	112.90	62,095.00	278	31,386.20

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
106	SOR	Loading of 52kg / 60kg PSC normal line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in a neat manner to departmental material train (DMT) or contractor's / Railway's Truck/Trailer with crane or any other means including crossing of one track with free lead up to 250 metre and lift up to 5 metre, if required with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @50% of the all inclusive cost of sleeper shall be levied.					
106(a)	SOR	In Wagon where mechanical handling is possible and traffic block is not required or in Truck / trailer	MT	160	123.30	19,728.00	83 10,233.90
107	SOR	Unloading of 52kg / 60kg PSC line and special sleepers up to 2.75 metre length in Depot / Station / Mid-section between stations in neat manner for Railway's Truck/Trailer with crane or any other means including crossing of one track and lead up to 250 metre & lift up to 5 metre with contractor's labour, tools & plants, machinery, consumables etc. Note: In case of any damage to sleeper during loading, penalty @50% of the all inclusive cost of sleeper shall be levied.					
107(a)	SOR	From Truck / Trailer	MT	160	108.01	17,281.60	83 8,964.83
108	SOR	Transportation of Rails, sleepers, switches, crossings, SEJs and Glued Joints by road vehicles for different leads. Note: 1. Lead shall be the shortest motorable road length between the points of loading and unloading. 2. Loading and unloading shall be paid extra under relevant items.					
108(a)	SOR	Lead up to 5 Km	MT	141.00	50.97	7,186.77	48 2,446.56
108(b)	SOR	Lead beyond 5 Km and up to 10 Km	MT	153.00	91.05	13,930.65	32 2,913.60
108(c)	SOR	Lead beyond 10 Km and up to 20 Km	MT	40.00	145.69	5,827.60	5 728.45
108(d)	SOR	Lead beyond 20 Km and up to 30 Km	MT	60.00	212.33	12,739.80	55 11,678.15
108(e)	SOR	Lead beyond 30 Km and up to 50 Km	MT	147.00	305.00	44,835.00	90 27,450.00
108(f)	SOR	Lead beyond 50 Km and up to 100 Km	MT	161.00	507.04	81,633.44	156 79,098.24
109	NON SOR	Linking of track on Girder Bridge with Steel Channel/H-beam sleepers as per approved drawings including leading of running and guard rails, sleepers and fittings, bending of guard rails, notching, drilling of holes, cutting of rails etc. as per IRPWM with latest correction slips and making track structure fit for normal speed. Note: 1) Rails shall be supplied by IRCON at Sivok Yard. 2) Steel Channel/H-beam sleeper and all fittings will be arranged by contractor and same shall be paid under relevant BoQ item. 3) Transportation of track material if supplied beyond 250m of bridge approaches, shall be paid separately under relevant item.	TRM	1930	591.30	11,41,209.00	963 5,69,421.90

Signature

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
110	SOR	Linking of BG track (with guard rail) over ballasted deck bridges with any type of rail section and PSC sleeper including leading free rails/welded panels available along the alignment on to bridge, leading and spreading all fittings and fastenings, leading & spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails & guard rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item. 3. This item shall be applicable only when track is with Guard Rail. Linking without guard rail be paid under relevant item for plain track linking.	TRM	260	424.88	1,10,468.80	139 59,058.32
111	SOR	Linking of BG track (except at LC, Bridges and SEJs) with any type of rail section and sleeper of specified density, on ballast bed spread and compacted with suitable roller, over prepared formation including leading free rails/welded panels available along the alignment on to formation, leading and spreading all fittings and fastenings, spreading of sleepers at specified spacing, squaring, placing of rails over sleepers and fixing rails to sleepers with all types of fittings and fastenings to correct gauge & alignment, lubrication of fittings and fastenings with contractor's grease as per IRPWM standards with contractors labour, tools, consumables, with all lead, lifts etc. complete and raising, levelling and initial packing of track to make it fit for 30 kmph and meet other prerequisites prescribed in Indian Railway Track Machine Manual for deployment of Tamping Machine. Note: 1.Rail cutting and Hole drilling shall be paid separately. 2.Spreading of ballast and compaction shall be paid separately under relevant item.	TRM	50	298.02	14,901.00	25 7,450.50
111(a)	SOR	For sleeper density of 1660 sleepers per km	TRM	50	298.02	14,901.00	25 7,450.50
112	SOR	Quick cutting with abrasive rail cutter of all types of rail sections including wear resistant, head hardened rails up to 110 UTS, with contractors tools & plants, equipment, consumable with all lead & lift etc. complete as directed by Engineer in-charge. Abrasive Rail Cutter will be as per RDSO Specification No. TM/SM/1 (Rev. 01 of 2012) with latest status of RDSO; Rail Cutting Wheel Abrasive Disc will be as per RDSO Specification No. TM/SM/2 (Rev. 01 of 2020)	Each	100	290.58	29,058.00	51 14,819.58
112(a)	SOR	60 Kg - 110/90 UTS - Outside Track	Each	480	288.05	1,28,664.00	245 65,672.25
112(b)	SOR	52 Kg - 90 UTS - Outside Track	Each	480	288.05	1,28,664.00	245 65,672.25

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SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
113	SOR	Drilling holes of 16 mm to 32 mm dia. with Rail Drilling machine including chamfering with appropriate chamfering tools in all types of rail section with contractor's tools & plants, equipment, consumable with all lead & lift etc. complete, as directed by Engineer in-charge. Rail Drilling Machine will be as per RDSO Specification No. TM/SM/3, dated 24.04.1991.					
113(a)	SOR	Outside Track	Each	3800	56.31	2,13,978.00	1930 1,08,678.30
114	SOR	Supplying & applying single liquid solution in 250ml pack, having break loose torque of 400Nm to 540Nm, as per ISO:10123 norms with shear strength of liquid solutions as 25 to 35 N/mm ² , viscosity 1500 to 3000 (Centipoise) & specific gravity of 1.1 ± 0.05. for tightening of nuts & bolts at important locations, such as Bridges, SEJs, Turnouts, Fish Plates, Steel Channel Sleepers etc. Work includes opening of bolts, cleaning of bolts with suitable cleaner and tightening of bolts after applying liquid solution as directed by Engineer in-charge.					
114(a)	SOR	Bolts dia. 20mm to 25mm	Each	1840	26.97	49,624.80	932 25,136.04
114(b)	SOR	Bolts dia. 26mm to 30mm	Each	2100	30.09	63,189.00	1065 32,045.85
115	SOR	Anti-corrosive painting of rail outside track on rail bottom, web, foot and fishing plane with two coats of thickness of 100 microns each by bituminous black paint confirms to IS-9862 of reputed make including surface preparation, as a complete job as per procedure prescribed in latest edition of IRPWM.					
115(a)	SOR	For 60 Kg Rails	RM	4480	70.53	3,15,974.40	2272 1,60,244.16
115(b)	SOR	For 52 Kg Rails	RM	4380	62.66	2,74,450.80	2220 1,39,105.20
116	SOR	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	19100	81.59	15,58,369.00	9533 7,77,797.47
117	SOR	Providing Rail Barricading with rails supplied by Railways with verticals provided at every 1.5m interval, height of barricade being up to 1.5m above ground / termination level and one or more row of horizontal rail, duly cutting rails and drilling holes as required, assembling necessary accessories to required length, including earthwork excavation for foundation, fixing posts in cement concrete 1:3:6 base of size 0.45m x 0.45m x 0.60m and one coat of red oxide painting of steel work. Note: 1. Excavation and concrete work will be paid separately. 2. Rail shall be made available within 250 metres.	MT	64	1,659.81	1,06,227.84	32 53,113.92

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
118	SOR	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 upto 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. - All kinds of soils 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	cum	80	183.03	14,642.40	40 7,321.20
119	SOR	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 : 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	cum	70	3,795.86	2,65,710.20	35 1,32,855.10
120	SOR	Centering and shuttering including strutting, propping etc. and removal of form for : All types of bridge sub-structures, e.g. pier, abutment, wing wall, retaining wall, RCC box type foundations, Abutment cap, Pier Cap, Inspection Platform & Pedestal over Pier cap, Fender wall, Diaphragm wall etc. up to 5m above ground level	Sqm	620	641.88	3,97,965.60	310 1,98,982.80
121	SOR	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete: Thermo-Mechanically Treated bars of grade Fe-500D or more of approved brands/makes.	Kg	2000	101.49	2,02,980.00	1000 1,01,490.00
122	SOR	Supply and using Cement at Worksite - Ordinary Portland Cement 53 grade of approved brands/makes	MT	26	8,124.97	2,11,249.22	13 1,05,624.61
Subtotal of Schedule-A (In INR)						10,97,57,835.05	5,48,39,153.71
Schedule-B: Track & General Works - NON SOR							
201	NON SOR	Supplying & fixing Gang pathway of Stainless Steel chequered plates between guard rails on un-ballasted deck bridge for gang pathway, overlapping at regular intervals of 2m to 2.5m with bolts duly drilling holes in chequered plate, as directed on new bridge or replacement of existing gangway on old bridge including removal of old chequered plates and stacking near approaches of bridge clear from all infringement. Note: Overlapping of chequered plates shall not fall in between sleepers.					
201(a)	NON SOR	Anti skid Stainless steel chequered plate of 409 M Grade as per Specification ASTM A240 SS and Pattern conforming to BIS 3502 with average thickness of 6.0 mm or as instructed by the engineer with beac height of 0.8 mm min thick - on New Bridges	Kg	43000	166.56	71,62,080.00	21460 35,74,377.60

Handwritten signature/initials

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
202	NON SOR	Manufacturing and supplying of steel fittings other than Zero toe load fittings for H Beam sleepers. These steel fittings include nuts, bolts, washers, split pins etc., required for guard rail assembly and hook bolt assembly with all contractor's material, lead, lift, labour, tools, plant and transportation etc. complete as per latest approved drawings and as instructed by Engineer in-charge	Kg	51000	135.31	69,00,810.00	25454 34,44,180.74
203	NON SOR	Supply of Fish Plates 52 kg as per RDSO Drg. No. T-090(M) with bolts as per RDSO Drg. No. T-11501 Size: 25x130mm long (one set includes 2 fish plates and 4 bolts)	Set	350	3,395.00	11,88,250.00	177 6,00,915.00
204	NON SOR	Supply of Fish Plates 60 Kg Rail one meter long as per standard drawing of RDSO No. T-5916	No.	700	4,753.77	33,27,639.00	355 16,87,588.35
205	NON SOR	Supply of Joggled Fish Plates (2 No. per set) with 4 pair clamps, 4 No. Bolts & Nuts and 8 No. special washers : For 60 Kg as per RDSO Drawing No. T-4016	No.	48	8,582.23	4,11,947.04	24 2,05,973.52
206	NON SOR	Supply of machine crushed 50 mm size stone ballast (Pakur variety from Pakur quarry) as per RDSO's specifications for track ballast with (up to date) correction slips and stacking the same at nominated places / locations / stack yard along the section at following locations as directed by the Engineer or his authorised representative with contractor's own labours, tools, plants, machineries, transports including all leads, lifts, ascents, descents, clearance of site, crossing of tracks, nullah or any other obstructions etc. handling / re - handling with all other incidental charges. The rate includes all charges like procurement of machine crushed ballast from Pakur quarry, payment of royalty, local taxes, GST or any other taxes, Transportation from quarry to the nominated stack location, all loading / unloading, dressing and stacking etc making and maintaining service roads, complete in all respects.	Cum	900	3,503.15	31,52,835.00	484 16,95,524.60
207	NON SOR	Handling, Lifting & Leading of ballast from measured stacks with lead of 100m and spreading of stone ballast on formation, track & turnouts to ensure uniform & compact ballast cushion under the sleepers with desired ballast profile. Spreading of ballast will be done in two stages i.e. (i) on the formation before laying the track and (ii) in the track and points & crossings with contractors labor with lead up to 100 meter and with all lift. No extra payment will be made for crossing of railway lines etc.					
207(a)	NON SOR	for lead between 0-100 m	Cum	900	131.36	1,18,224.00	484 63,578.24
208	NON SOR	Combo GFN liners 60kg rail 60 kg sleeper to RDSO Drag. No. T-6938-6939	Set	1040	40.61	42,234.40	550 22,335.50
209	NON SOR	ERC to RDSO Drag. No. T-5919	Nos.	2080	105.12	2,18,649.60	1100 1,15,632.00
210	NON SOR	60 kg SEJ with complete fittings as per RDSO Drag. No. T-6922	Set	24	4,72,756.09	1,13,46,146.16	12 56,73,073.08

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
211	NON SOR	Welding of rail joints of 60kg by SKV process with contractors portion purchased from RDSO firm (to be supplied with authenticated certificate), dry moulds including other welding materials, supplying skilled/artisan staff like welder, molder, chipper, lette, aligner, striker/hammer man & adequate nos. of semi skilled & unskilled labor and supplying petrol, as required for facilitating welding works on track by shifting the joint sleepers up to 30cm on either side, providing suitable gap of about 23mm to 25 mm for welding, fixing the petrol tanks & heating the rail ends by approved contractors equipment and chipping the excess materials if required, aligning, leveling etc. complete including filling after welding on cess.	Each Joint	350	5,068.32	17,73,912.00	176 8,92,024.32
212	NON SOR	USFD testing of 60 Kg/52kg rail welds (flash butt/SKV) as per RDSO manuals and submitting reports on Performa as directed by the engineer.	Each Joint	350	72.66	25,431.00	176 12,788.16
213	NON SOR	Manufacturing, fabricating and erecting in position the various boards including painting, writing and engraving as per Railway's drawings or as directed by Engineer in charge viz. curve board, mattress, SEJ board, flag station boards, indicator boards, major and minor bridge board termination indicator boards and other various boards as per requirement with contractor's own tools and plants & material, labourers, lead and lift etc complete. Nothing extra shall be payable other than the rate accepted. (i) The payment for excavation and concreting shall be paid under relevant BOQ items. (ii) Rails (if required) for the pcst shall be supplied by Railway at free of cost. (iii) The steel shall be free from any dust, rust, foreign particle etc. (iv) The payment shall be made only after actual utilization at site as per approved drawings. (v) No piece shall be used except otherwise necessary and that too as per actual requirement. (vi) The steel shall be from Railway approved firms only. (a) With Contractor's own steel Note: (i) Fabrication of boards with contractor's own materials. (ii) The angles and sheets used for boards will be as per railways specifications and as directed by Engineer in charge. (iii) Rails for stands (if required) will be supplied by the IRCON free of cost, however no payment for fabrication/bending/cutting etc. shall be payable.	MT	3	1,17,957.20	3,53,871.60	1.4 1,65,140.08
214	NON SOR	Cost of hiring and running of commercial numbered light motor vehicles on monthly rental basis including cost of driver, all maintenance and repairing of vehicles for movement of IRCON officers/ staff. The rates are lumpsum including running of 3500 km per month per vehicle. Vehicle should be in excellent running condition, manufactured not earlier than 2022 and shall be accepted by IRCON. Make of vehicle shall be Mahindra Scorpio/ Xylo/Duster or equivalent. Beyond 2500 Km, Diesel / Petrol reimbursement shall be as under: 1(One) litre diesel/petrol per 9 (nine) Km running of vehicle in all types of roads & condition of roads. The rate of the Diesel/Petrol shall be taken as that of ordinary Diesel/Petrol. The rate of the Diesel/Petrol shall be taken as the rate prevailing on 15th of the month for which the vehicle has been used.	Vehicle Month	24	51,181.23	12,28,349.52	10 5,11,812.30
Subtotal of Schedule-B (in INR)						3,72,60,379.32	1,86,64,943.49

Schedule-C: Unforeseen activities shall be done under USSOR-2021 prize schedule-SOR

SI No.	SOR/NON SOR	Description	Unit	Qty	Rate Rs.	Amount (Rs.)	Qty & Amount of M/s BRBA Infratech LLP
301	SOR	Unforeseen activities shall be done under NFR USSOR-2021 prize schedule which are not covered by above schedules (excluding GST).	-	-	-	50,00,000.00	25,00,000.00
Total of above items						15,20,08,214.37	7,60,04,097.20
Add GST @18%						2,73,61,478.59	1,36,80,737.50
Total Estimated Cost						17,93,69,692.96	8,96,84,834.70
Proportionate value of the work to be executed by L1 bidders @6% below						16,86,07,511.38	8,43,03,744.62

NOTE (i) Work related to bridge No. 8, 13, 14, 15, 16 & 17: For M/s. BRBA Infratech LLP.