



इरकॉन इन्टरनेशनल लिमिटेड

(भारत सरकार का उपक्रम)

छत्तीसगढ़ रेल परियोजना

IRCON INTERNATIONAL LIMITED

(A Govt. of India Undertaking)

An Integrated Engineering and Construction Company

CHHATTISGARH RAIL PROJECT

इरकॉन

No. IRCON/2059/CGRP/e-TENDER/23-24/KHS-DHARAM/BSP-57/14235

Dated. 28.04.2023

To

M/s Hill Brow Metalics & Construction Pvt Ltd,
Chandani Chowk,

Raigarh (Chhattishgarh) 496001

PH No:9300100000, 9827931562

Email Id: sunilksa2004@yahoo.com, sunilksa2004@gmail.com

(Letter of Acceptance)

Sub: Assembling, laying and linking of Railway track for main lines & loop lines with Contractor's own P-Way materials (including supply of Ballast and Sleepers but excluding supply of Rails) on Spur line between Bhalumuda (Km 13.375) and Gare Pelma (30.668) section in connection with the construction of New BG Electrified Railway Line of East Corridor-I between Kharsia (Km-0) to Dharamjaygarh (Km-74.0) with a Spur from Gharghoda to Gare Pelma in the State of Chhattisgarh over South East Central Railway- **Letter of Acceptance**

Ref: i. NIT No: IRCON/2059/CGRP/e-TENDER/22-23/KHS-DHARAM/BSP-57 Date: 27.01.2023

ii. Corrigendum no. 01 Dated 10.02.2023

iii. Technical Bid Opened on 18.02.2023 and financial bid opened on 17.04.2023

With reference to the above, this is to inform you that your offer for the subject work has been accepted by Competent Authority for and on behalf of IRCON International Limited at a total cost of **Rs. 41,55,13,820.00/-** (Rupees Forty One Crore Fifty-Five Lacs Thirteen Thousand Eight Hundred Twenty Rupees only) **including GST**. The summary of BOQ accepted by the Competent Authority is enclosed herewith as **Annexure-I**.

The important terms and conditions of the above tender is mentioned in brief below, however the clauses as mentioned in the tender document shall be final and binding.

1.0 Performance Security

1.1 In term of SCC clause no. 13.0, you are requested to submit performance security within 21 (twenty-one) days from the date of issue of letter of acceptance (LOA) in the form of irrevocable bank guarantee on the Performa annexed as Annexure-II for an amount of Rs 2,96,88,916.00/- (Two Crore Ninety Six Lakh Eighty Eight Thousand Nine Hundred Sixteen Rupees only) @ 3% (Three percent) of the contract value plus additional Performance Guarantee from any scheduled bank having validity initially up to 60 days beyond the stipulated date of completion i.e. 26.06.2024 (27.04.2024 + 60 days).

2.0 Completion Period and Programme Submission.

2.1 In term of SCC clause no. 10.0, completion period of the work is **12 (Twelve) months** from the date of issue of letter of acceptance including monsoon period i.e. **up to 27.04.2024**. The work has to be executed in co-ordination with other agencies working on or near the project.

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2.2 In term of SCC Clause no. 10.0, you are requested to submit within 7 (seven) days of issue of letter of acceptance and before the work is commenced; **a detailed programme for each major element of the work, using the modern networking techniques for project monitoring, for approval of the Engineer.** The construction programme will show the general methods, arrangements, order and timing for all significant activities in the works identifying the critical path for the work clearly, along with monthly cash flow. The programme shall clearly provide for and indicate the time required for the preliminaries before starting the work and shall indicate the details of commencement and completion of the various sections of the work.

3.0 Accepted Rates and Price Variation:

The quoted rates shall be deemed to include all the cost towards the scope of work of contractor as detailed in the tender documents including cost of all materials, labour, plant and machinery, supervision, overhead, profit, insurances including transit insurance, replacement/ correction of defective works, incidentals etc. and all the taxes and duties etc complete. Nothing extra over the accepted rates will be payable unless noted expressly otherwise in the tender documents. However, the contract price adjustment/price variation shall be dealt as per clause No.9 of SCC.

4.0 Variation in Quantity:

In term of SCC Clause no. 19.0, variation in quantities shall be dealt as per Clause 58 and 59 of general condition of contract.

5.0 Mobilization Advance:

Payment of mobilization advance shall be as per clause no. 04 of SCC.

6.0 Maintenance and Defect Liability Period:

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 for 12 months from the date of completion of the work. Maintenance and defect liability period shall be dealt as per clause No 11 of SCC.

7.0 Insurance:

In term of SCC clause no. 12.0, before commencement of works, you are requested to obtain insurance cover as per the details provided in the clause.

8.0 Contract Agreement:

In term of SCC clause no. 15.0, you have to attend the office of Project Director/CGRP, IRCON Project Office, Bilaspur, Chhattisgarh for signing of contract agreement within 28 days of the issue of LOA. Format of contract agreement is enclosed as **Annexure-III**. The stamp papers of the requisite value as per the prevailing laws shall be provided by the contractor at his own cost. Original agreement shall be retained by the Employer/ Engineer and a certified copy shall be made available to the contractor.

9.0 Deployment of Engineers (SCC Clause no 14)

9.1 The Contractor shall provide and keep on the works, during the execution of the works, efficient and competent Engineers to ensure that the work is executed strictly as per provisions of the Contract. It shall be the obligation on the part of the Contractor to provide the following minimum Engineering staff at site:

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Sn	Position/Qualification	Minimum Requirement
1	Project Manager – Graduate/ Diploma Engineer having minimum experience of 10/15 years in P-way & track linking works. Minimum 5 years' experience of track linking works in any Indian Railway project.	1 No.
2	Site/Planning Engineer (Civil) – Graduate / Diploma Engineer having minimum experience of 3/5 years in in Pway & track linking works. Minimum 2.5 years' experience of track linking works in any Indian Railway project.	1 No.
3	Site Engineer (Civil) – Graduate / Diploma in Civil Engineering and having minimum experience of 2/3 years in P-way & Track linking works and also having experience of handling Ballast & Sleepers.	1 No.
4	Engineer (Survey, Planning & Quantity Survey) – Graduate / Diploma Engineer with Minimum of 3 years relevant experience	1 No.
5	Engineer (Quality Control, Environment & Safety) – Graduate / Diploma Engineer with Minimum of 3 years relevant experience	1 No.

In addition to the above, requisite number of staffs for testing and other supervisory staff shall be deployed by the Contractor. Contractor should deploy one survey team with requisite equipment's for planning, marking layout and checking alignment, levels etc during construction.

- 9.2 In case, the Contractor fails to deploy sufficient Engineers as described above, the Engineer/ Employer shall be entitled to recover the following amounts from the dues of the Contractor:

1	Non-Deployment of Project Manager.	Rs. 1,50,000/- per month per person or part thereof
2	Non-Deployment of Quality / Site Engineer/ Planning Engineer/Surveyor	Rs. 70,000/- per month per person or part thereof

- 9.3 Also, in case of failure of contractor to provide Project Manager/Engineers, IRCON reserves the right to engage them of its own out of the penal amount recovered as per above rate against specific category.

10.0 Inspection Vehicles and site office (SCC clause No.3.4):

- 10.1 You will provide 02 (Two) no. inspection vehicle (Model- Toyota Innova/Mahindra XUV 500 - 01 No & Mahindra Scorpio / TUV/ Marazo or similar- 01 No) in good condition (model not older than 03 years) for site movement of Engineer, Engineer's representative, Client or his representative and bear all expenditure in this regard including running cost up to 4000 km/month/Vehicle or Cumulative 50,000Km/year/Vehicle during the entire period of contract till completion of work including time extension, if any, and issue of certificate thereof. **Out of above 02 vehicles, 1 vehicle (Model- Toyota Innova/Mahindra XUV 500) to continue during Defect Liability Period (DLP) with same terms and conditions as stated above.**

In case, the vehicles are not provided by the contractor, it will be hired from open market and charges will be recovered from the contractor's bills/dues as decided by the Engineer.

10.2 Site office: (SCC Clause No 3.5)

You will set up reasonably furnished site office at one location (as decided by Engineer) with in project reach with office of about 80 sqm by hiring a building or by erecting temporary

building/Pre-fab-building with the proper electric arrangement, water supply and sanitary fittings with good roofing & flooring for the exclusive use of the Engineer.

You will also provide **02 bell boys in office for official working in the site office for entire contract period including defect liability period**. In case, the office and/ or bell boys are not provided by the contractor, suitable recovery at the prevailing rate of state Govt's minimum wages per bell boy per month or part there off will be made from the contractor's bills/dues towards compensation of cost against these arranged by IRCON. Location of site offices will be decided by the Engineer.

11 Security Deposit/ Retention Money/EMD.

Retention money will be recovered from on account/final bills as per clause no. 13.2 of Special Condition of contract and 8.2 of GCC.

12 You are advised to mobilize the resources to commence the work immediately. Please contact the project office, address-IRCON INTERNATIONAL LIMITED, 1st Floor, North Avenue, Takhatpur Road, Uslapur, Bilaspur, Chhattisgarh-495001 or **the undersigned for further instructions.**

13 Conditions mentioned above in this LOA are a brief reference of the terms of tender document. Detailed terms & conditions shall be as per NIT, Tender document & corrigendum, which shall be an integral part of this contract and shall be binding on you.

13.1 Priority of document shall be as per clause No. 1.0 of SCC.

13.2 As per clause No 07 of integrity pact (enclosed as Annexure VI to ITT), the legal jurisdiction for this contract shall be New Delhi.

14 This letter of acceptance, along with your submitted offer, shall constitute a binding contract between **M/s Hill Brow Metallics & Construction Pvt Ltd and Ircon international limited**, till a formal agreement is drawn and executed.

15 This letter being issued in duplicate. You are requested to return one copy of this letter of acceptance duly accepted, signed & stamped on each page by your authorized representative.

16 You are requested to commence the work immediately. The entire work shall be completed within a period of **12 months including monsoon period** from the date of issue of this LOA i. e. **27.04.2024.**

Thanking you

Encl: Annexure-I (BOQ)
Annexure-II (PBG Format)
Annexure-III (Format of contract Agreement)

Yours faithfully,
For and on behalf of
Ircon international limited


(Ankush Gupta)
Project Director/CGRP

Copy for information and necessary action please:

CEO/CERL, AGM/Finance, AGM/Civil/Raigarh, JGM/Civil/P&C

ANNEXURE-I

Name of Work: Assembling, laying and linking of Railway track for main lines & loop lines with Contractor's own P-Way materials (including supply of Ballast and Sleepers but excluding supply of Rails) on Spur line between Bhalumuda (Km 13.375) and Gare Pelma (30.668) section in connection with the construction of New BG Electrified Railway Line of East Corridor-I between Kharsia (Km-0) to Dharamjaygarh (Km-74.0) with a Spur from Gharghoda to Gare Pelma in the State of Chhattisgarh over South East Central Railway.

ABSTRACT OF BILL OF QUANTITIES

Sl.No	Schedule	Description	Basic Amount (Rs)
1	Schedule A	Supply of P-way items excluding Rails, Sleepers and Ballast	6,09,20,683.40
2	Schedule B	Supply of Ballast	13,27,67,580.00
3	Schedule C	Supply of Sleepers	15,34,67,792.22
4	Schedule D	P.Way Linking and Connected work	3,71,30,022.35
5	Schedule E	Welding Works (AT & FBW)	1,83,05,992.00
6	Schedule F	Fabricating, Supplying and Fixing in Position Galvanized Steel Channel Sleepers	79,22,811.96
7	Schedule G	Other items of work not covered by above schedules (Section "Z" of SECR-SOR-Vol-01,2006)	1,21,10,800.00
8	Schedule H	Other items of work not covered by above schedules (SECR-USSOR-2010)	10,66,240.00
	Total Basic amount		42,36,91,922.00
	GST @ 18%		7,62,64,546.00
	Total Estimated Cost (Rs.)		49,99,56,468.00

Rate %/Below/Above/At Par : 16.89% Below
Total Basic amount : Rs. 35,21,30,356.00
GST @ 18% : Rs. 6,33,83,464.00
Total Awarded Value : **Rs.41,55,13,820.00** (Rupees Forty One Crore Fifty Five Lacs Thirteen Thousand Eight Hundred Twenty Rupees only) **including GST**



(Ankush Gupta)

Project Director/CGRP

BILL OF QUANTITIES:

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	<u>SCHEDULE (A) - Supply of P-way items excluding Rails, Sleepers and Ballast</u>				
1	Supply of full set 1 in 12, 60kg points and crossings as per RDSO Drg. No. T-6154 turnout, T-6155 thick-web switch-sub assembly, T-4220 crossing-sub-assembly and CMS crossing T-3940/1 (all drg. with upto date alterations), with fittings & fastenings including GR pads, check rails, 1 m long fish plates with bolts etc for complete layout of 1 in 12 turnout with thick web switches. The rate includes cost of all materials, loading, transportation, unloading, staking at designated stores/ work sites, all taxes, inspection charges etc. complete but rate does not include cost of PSC sleepers and rail for lead rails.	Set	13	17,99,846.71	23398007.23
2	Supplying of derailing switch (1 in 8 1/2) including GR Pads, fitting & fastenings for BG 60kg rail section for use with 60Kg PRC sleepers to Drg. No. RDSO/T-6068 or as per the latest applicable RDSO Drawing with latest alteration as per RDSO specification including transportation to work site. Rate shall include all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractors labour, machineries tools & plants etc. complete but rate does not include cost of PSC sleepers.	Set	3	3,71,613.01	1114839.03
3	Supply of full set of assembly of 60 Kg Improved SEJ for LWR to RDSO Drg. No. T-6922 or as per the latest applicable RDSO Drawing with latest alteration required as per RDSO specification and conforming to the specification IRS T-10 with all fittings & fastenings complete as listed in RDSO drawing. Rate shall include transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractor's labour, machineries tools & plants etc. complete but rate does not include cost of PSC sleepers and rails. Note- 13m length of 60Kg Rail shall be issued by IRCON free of cost and the same shall be collected by contractor	Set	24	2,37,618.16	5702835.84

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	from work site and transported at contractors cost for fabrication).				
4	Supply of Fish bolts with nuts to RDSO Drg. No.T-1899 and conforming to specification No. IRS T-23-1967 & Corrigendum No. 5 of October 1987, with single coil spring washer to RDSO Drg. No. T-10773. The rate shall inclusive of transportation to work site, all taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead , lift, contractor's labour, machineries, tools & plants etc complete.	Each	3100	96.05	297755.00
5	Supply of Fish plates of one meter long for 60Kg rail as per standard drawing RDSO Drg. No.T-5916 /T-5851 or any latest version drawing issued by RDSO & Conforming to IRS specification No. T-1-1966 and corrigendum of November, 2009. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, Freights, insurance, packing, loading, unloading with all lead , lift, contractors labour, machineries tools & plants etc. complete.	Pair	950	5,533.37	5256701.50
6	Supply of Fish plates to DrgNo:T-1898 for 60 Kg Rail, 610 mm long and conforming to IRS specification No:T-1-1966 & corrigendum No: 8 of July 2008 with latest alteration & amendment. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead , lift, contractor's labour, machineries tools & plants etc complete. (One set includes two fish plates).	Pair	40	3,009.67	120386.80
7	Supply of Screw Clamps for fish plates as per RDSO Drg No. T-5856. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractor's labour, machineries tools & plants etc. complete.	Each	50	1,828.04	91402.00

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Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
8	Supply and fixing of joggled fish plates for 60kg AT Weld as per RDSO Drawing No. T-5849(Alt-1). with 04 Bolts, nuts and washers, Drilling holes of 32mm dia with Rail drilling machine in 60kg railsection including all consumables, Chamfering of drilled holes as per RDSO Specifications for all types of Rails, The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead , lift, contractor's labour, machineries, tools & plants etc. complete.	Set	100	5,547.96	554796.00
9	Supply of Elastic Rail Clips to RDSO Drg. No. T-3701 and conforming to specifications (IRS T-31-1992) & corrigendum No. 2 of Apr 1999. The rate shall be inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractor's labour, machineries, tools & plants etc. complete.	Each	150000	96.28	14442000.00
10	Supply of Elastic Rail clips 'J-type' to RDSO Drg. No. T-8258 and conforming to specifications (IRS T-31-1992) & corrigendum No 2 of Apr 1999. The rate shall be inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractors labour, machineries tools & plants etc. complete.	Each	5000	105.42	527100.00
11	Supply of GFN liners to RDSO Drg. No. T-3706 & conforming to IRS specifications No. T-44-1995, corrigendum No.03 of 2010. The rate shall be inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractor's labour, machineries tools & plants etc complete.	Each	35000	19.07	667450.00

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Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
12	Supply of End cut GFN liners for 60 Kg conforming to RDSO Drg. No. T-3706 with latest alteration & conforming to IRS specifications No. T-44-1995 corrigendum No.03 of 2010 or latest alternation. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead , lift, contractor's labour, machineries tools & plants etc. complete. (end cut to be done for glued joint as per RDSO Drawing No-T-4511 with latest alternation complete)	Each	1500	31.34	47010.00
13	Supply of Grooved Rubber Sole Plate to RDSO Drg No. T-6618 and conforming to IRS specification T-47-2006 & Corrigendum No -1 of June 2007. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead , lift, contractor's labour, machineries tools & plants etc complete.	Each	77500	62.38	4834450.00
14	Supply of Metal Liners at site to RDSO Drg. No. T-3740 conforming to IRS specifications, provisional 1995 amended 2001. The rate shall be inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance etc. and packing, loading / unloading with all lead , lift, contractors labour, machineries, tools & plants etc complete.	Each	115000	32.39	3724850.00
15	Supply of End Cut Metal Liners to RDSO Drawing No.3740 duly cut by 20mm as per RDSO Drawing No T-4511 conforming to IRS specifications, provisional 1995 amended 2001. The rate shall be inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance, packing, loading, unloading with all lead, lift, contractors labour, machineries tools & plants etc complete.	Each	5000	28.22	141100.00
	Total of Schedule (A)				6,09,20,683.40
	Note: Supply shall be taken only from RDSO approved Vendor unless approved / specified otherwise.				

Handwritten signature/initials

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	<u>Schedule (B) :Supply Of Ballast</u>				
1	Supplying and stacking of machine crushed clean, hard, angular and durable Stone Track Ballast 50 mm size (65 mm to 20 mm well graded) confirming to latest RDSO Track Ballast specification (2004) & with latest corrections/amendments etc. Stacking of ballast to be done along the alignment at or near toe of the embankment, or in cutting ,top of embankment or cutting or any suitable designated places as advised/Directed by Engineer-in charge. The rate includes supply, leveling the stacking area/space, supply the ballast, labour, tools, all types of transportation, unloading, stacking, leads, lifts, handling, rehandling, ascends, descends, crossing of tracks and ant other obstructions etc., sieve analysis, charges for testing the quality of ballast at the reputed labs, all taxes, royalty,cess and seinorages etc. No deduction will be made on stack measurement for shrinkage as specified in technical specification. The contractor will make ground level to enable levels being taken by the Engineer-in - charge at site prior to stacking	CUM	66000.00	2,011.63	13,27,67,580.00
	Total of Schedule (B)				13,27,67,580.00
	<u>Notes</u>				
i	The Ballast should be supplied by the contractor should confirm to the condition laid down vide IRS-GE-I, June-2004 and testing as per IS: 2386 Part-IV for impact test and abrasion test & IS: 2386 Part-III-1963 for water absorption test with latest correction slip.				
ii	The size of ballast , stacking of ballast on ground, measurement of ballast stacks and payment conditions should comply strictly as per RDSO specification for materials and work issued by IRCON at				
iii	Dumping of ballast should be even as instructed by Engineer -in -charge/ Consultation/Employer at site.				
iv	The quantities given above are indicative and may vary during execution of work so needed to be supplied at the accepted rates.				

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	Schedule (C) (Supply Of Sleepers)				
A	PSC Sleepers				
1	Manufacturing, supplying, transportation & stacking of prestressed Mono-block concrete sleeper (pre-tensioned type) for broad gauge (1673mm) as per RDSO's drg. No. T 2496 to suit 60 kg UIC Rail as per RDSO design and IRS Specification no.-T-39-85 (Fifth Revision February 2016) as amended/latest alteration up to date including all taxes and after inspection as per decision & direction of Engineer-in-charge. Note: Loading, transportation and unloading of PSC sleepers by road engaging contractor's own truck/tractor/trailer, labour, tools, equipments & fuel including all lead lift descent, crossing lines, stacking etc. complete as per direction of engineer-in-charge no extra payment against Transportation is payable.	Nos.	34900	3,691.66	12,88,38,934.00
B	Special type sleepers				
1	Supply of BG PSC Turnout sleepers 60kg, 1 in 12 Fan shaped layout including Approach & Exit sleepers and with long concrete sleepers (for fixing of hand operated lever box/point machine) as per RDSO Drg. No. T-4218/T-6154 and conforming to IRS specification T-45-1996 Corrigendum No. 5 of Dec-2002. The rate shall inclusive of manufacturing, loading to contractors' own vehicles, transportation to work site, unloading & proper stacking as per requirement including all types of taxes, inspection charges, freights, insurance etc. and packing, loading/unloading with all lead, lift, contractors labour, machineries tools and plants etc. complete.	Set	13	6,54,018.18	85,02,236.34
2	Manufacturing, supply of prestressed Mono-block concrete sleeper (PSC type) for broad gauge for Derailing Switch (1 in 8 1/2) as per RDSO's Drawing No. T6068.Alt. III to suit 60kg UIC and IRS Specification no.-T-45-96 (Second Revision May 1996) each set consists of 31 nos. sleepers as per Annexure III duly amended in accordance with the recommendations made by Track standard committee a amended time to time latest alteration up to date	Set	3	1,80,499.92	5,41,499.76

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Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	including all taxes after inspection, loading, transportation and unloading, proper stacking at desired location at proper site in Corridor etc complete as per decision & direction of Engineer-in-charge.				
3	Manufacturing, supplying, transportation & stacking of 60kg BG PSC sleepers for Bridge approaches as per RDSO Drg No. T-4089 to T-4097 Alt-IV to suit 60kg UIC Rail & IRC Specification no. T-39-85(Third Revision May 1996) as amended latest alteration upto date. One set consists of 3nos. of PSC sleepers of RDSO Drg. no. T-4090 and one PSC sleeper each of RDSO Drg. No. T-4090 to T-4097(Each approach have total 11 nos. sleepers. duly loaded into wagons/road vehicles and transportation to sites and unloading & stacking properly. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, Freights, insurance etc. and packing, loading/unloading with all lead, lift, contractors labour, machineries tools and plants etc. complete.	Set	8	46,682.99	3,73,463.92
4	Manufacturing, supplying, transportation & stacking of PSC Bridge Guard sleepers as per RDSO Drg. No. T-4088 Alt IV to suit 60kg UIC Rail and IRS specification T-39-1985(Third Revision 1996) as amended latest alteration upto date duly loaded into contractor's own vehicles. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, Freights, insurance etc. and packing, loading/unloading with all lead, lift, contractors labour, machineries tools and plants etc. complete.	Each	150	3,911.69	5,86,753.50
5	Supply of 60 kg PSC Special sleepers for SEJ to the RDSO drawing no. T-4149 and conforming to IRS specification T-39-1985, Revision 4 Aug 2011. The rate shall inclusive of transportation to work site, all type of taxes, inspection charges, Freights, insurance etc. and packing, loading/unloading with all lead, lift, contractors labour, machineries tools and plants etc. complete.	Set	24	24,872.81	5,96,947.44
6	Manufacturing and supply of 60 kg BG PSC sleepers in curves as per RDSO Drg. No. as given below as per IRS T-				

	The rates shall inclusive transportation to work site, all types of taxes, inspection charges, freights, insurance etc. and packing loading/unloading, with all lead lifts contractors labour machineries tools and plants etc. complete.				
6.1	RDSO Drg. No. T-4170	No	215	3,782.14	8,13,160.10
6.2	RDSO Drg. No. T-4171	No	215	3,782.14	8,13,160.10
6.3	RDSO Drg. No. T-4172	No	215	3,782.14	8,13,160.10
6.4	RDSO Drg. No. T-4173	No	3064	3,782.14	1,15,88,476.96
	Total of Schedule (C)				15,34,67,792.22
	Note:				
(i)	Supply shall be taken only from RDSO approved Vendore unless approved / specified otherwise. The suppliers shall submit "Inspection Certificate" in original for the materials duly certified by the authorized inspecting agency i.e. RITES or other agency decided by Engineer-in-charge for the items Sl. No. 1,2,3,4,5,6,				
(ii)	Final acceptance of materials shall be carried out by the Engineer-in-charge/consultant/client at site.If any material found defective at site shall have to be replaced by the Contractor at his own cost & no extra payment whatsoever shall be paid in such events.				
(iii)	The materials may be inspected by Engineer-in-charge/Consultant at manufacturing site if required at contractor's cost				
(iv)	The rates shall be inclusive of all taxes, insurance, inspection charges, transportation, loading, unloading and stacking at site. No extra payment whatsoever shall be paid on any account over and above the accepted rates.				
(v)	Consignee for above material shall be - M/s Ircon International Ltd. Chhattisgarh.				
(vi)	All materials shall conform to the latest revisions of drawing numbers and specification.				
(vii)	The quantities given above are indicative, the actual quantities may vary				

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Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	at the time of execution.				
(viii)	All materials mentioned above is required to be supplied at nominated storage depot to be established by contractor at his own cost along the site facilities.				
	SCHEDULE(D): P. Way Linking and Connected work				
1	Leading and spreading of stone ballast by head /trolley/ tractor/ dumper or any other means from the stacks available at the ballast depot / on cess / formation / toe of the formation to the top of the formation and spreading the same on the formation and dumping the required balance quantity on side to enable to fill between the sleepers and to do dressing to obtain a compact and uniform specified profile as directed by the Engineer-in-charge. The rate includes all lead from ballast stacking point to work site, all taxes, loading, unloading, ascent, descent, lift, labour, tools, crossing of one or more railway lines if required. The cost of rolling will be paid separately vide item no.2 of this schedule.	Cum	66000	139.54	92,09,640.00
2	Rolling of spread stone ballast with contractor's power driven roller of capacity 5 Tonne or above with minimum three passes in a width of about 4.72m to 5.0 m or as directed by Engineer in-charge to obtain a compact and uniform level surface of ballast spreader vide item no.1 above.	Per SQM	94500	3.32	3,13,740.00
3	Laying of new Broad Gauge P. Way track with 52kg/ 60kg rail on 52kg /60kg PSC sleepers on formation / ballasted deck bridges/ curve/ yards in straight line or curve, with IRCON's Rails and PSC sleepers (including special PSC sleepers meant for ballasted deck bridges and level crossings, curves etc) with their complete fittings such as grooved rubber pads, metal liners / GFN liner, ER Clips, J- Clips, Bolts, Screws etc at specified sleeper density of 1660 per km suitable for FP/SWR/LWR tracks with initial through packing and lifting of track in stages as directed	Tr.KM	23.610	4,93,353.02	1,16,48,064.80

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	by Engineer in-charge to bring the ballast cushion of about 250 mm , correct longitudinal profile and cross levels within tolerances as specified for making track fit for introduction of tamping machine, running of ballast trains. The rate includes all lead, lift, loading, unloading, ascent, decent, removal of kinks in rails by hydraulic Jim crow, cost of contractor's labour, tools & plants, equipment, all taxes and all other incidental charges etc complete. Note-1 The rate includes all lead and cost of transportation of Rails, Sleepers and Misc. P way Fittings to work site. Note-2 The rate does not include cost of spreading of ballast and greasing of ERC and liners. Note-3 for sleeper density 1540 per KM the accepted rate will be reduced by 8%.				
4	Providing through packing by manual packing of newly laid tracks on straight or curve with any sleeper density to a good geometry to confirm to specified alignment & level and other track parameters including squaring of sleepers, slewing of tracks to correct alignment, gauging, tightening of fittings, lifting of tracks if required to obtain the required cross level, tamping below the sleepers & boxing to approved ballast profile with all tools & labours as complete job. Note-This item shall be operated only in case of non availability of Tamping machine as per item 5 of this schedule.				-
	1st through packing as per IRPWM	Track metre	23610.000	33.28	7,85,740.80
5	Providing and Operating Tamping Machine for tamping of newly laid BG track (in straight line & curves) as per railway standards and specifications as laid down in track machine manual and IRPWM. The rate is inclusive of providing of machine operating staff (crew), one watchman per machine and all taxes, labours, tools & plants, insurance, incidental charges all complete.(Contractor has to arrange the tamping machine. If contractor desires , IRCON can assist	Track KM	70.830	67,346.73	47,70,168.89

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	in arranging machine (duomatic) at ACTUAL COST CLAIMED BY SEC RAILWAY, BILASPUR CG /IISL per km + GST 18%				
6	Providing and Operating Tamping Machine for tamping of newly laid BG turnouts (1 in 12 , 1 in 8 1/2, 1 in 16) (in straight line & curves) as per railway standards and specifications as laid down in track machine manual and IRPWM. The rate is inclusive of providing of machine operating staff (crew), one watchman per machine, all taxes, labours, tools & plants, insurance, incidental charges all complete. (Contractor has to arrange the unimat machine. If contractor desires , IRCON can assist in arranging machine (Unimate) at ACTUAL COST CLAIMED BY SEC RAILWAY, BILASPUR CG/IISL per Turnout + GST 18%)	Per T/out	39.000	67,346.73	26,26,522.47
7	Carrying out pre tamping , during tamping and post tamping attention with tamping machine, reconditioning of tamping tool, and providing all consumables including HSD oil for attending the track which involves removal of ballast from sleeper top in tamping zone, heaping of ballast in tamping zone, squaring of sleepers, recouplement and tightening of fittings as required, boxing & compaction of ballast slopes and cribs to standard ballast profile as per P-way Manual and as directed by engineer in - charge . Rate is inclusive of contractor's labour, tools & plants etc. all complete. Note: 1. for the purpose of payment: a. Length of turnout assembly, measured from stock rail joint to heel of crossing, shall be multiplied by 1.5 for conversion to equivalent ordinary track; and b. Derailing switches, bridges, level crossings, curves etc shall be considered as ordinary track. 2. Transfer of machines from the existing running lines to the place of work and back to the running lines after the work is over shall be done at contractor's expenses without payment of extra cost.				-

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Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
A	For first round of tamping	Track metre	24550	37.40	9,18,170.00
B	For second and third round of tamping	Track metre	49500	26.18	12,95,910.00
8	Laying of 52Kg/60Kg points and crossings(Thick web/ curved switch) including intermediate portion of track with PSC layout to the Railway's specification including cutting of rails to required sizes, drilling of holes in rails, aligning, proper gauging, levelling, fixing slide chairs, bearing plates, check bolts, heel blocks etc., fixing the following and leading stretcher bars, switch anchors etc., and with initial packing with available packing materials at site and as directed by the Engineer in charge with all lead, lift, all taxes, tool, plants, equipment's, incidental charges etc complete. Note-Rate includes all lead and cost of shifting/transportation of Turn out assembly to work site..				-
A	(A-I) 1 in 12 points & crossings 52kg /60 Kg PSC layout	Set	13	76,153.59	9,89,996.67
B	(B-I) Derailing switches 60/52 Kg PSC layout	Set	3	18,312.22	54,936.66
9	Assembling/laying/insertion of 60Kg. switch expansion joints (SEJ) improved SEJ confirming to RDSO drawing No. T-6922 at nominated locations consisting of stock rails and tongue rails setting to mean position on PSC special sleepers with special bearing plates including cutting and connecting to the main line track by means of closer rails of required length including packing, maintaining correct gauge, alignment, cross levels, longitudinal levels etc. complete as directed by Engineer-in-charge of the work. The rate includes all lead, lift, loading, unloading, ascent, decent, cost of contractor's labour, tools & plants, equipment's, all taxes and all other incidental charges etc complete. Note-Rate includes all lead and cost of shifting/transportation of SEJ assembly to work site..	Set	24	13,315.06	3,19,561.44
10	Through packing of newly laid 52/60 Kg points and crossings involving opening of ballast, squaring of				-

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	sleepers, re- alignment and tightening of rail and sleeper fastenings, aligning, levelling, lifting to provide standard ballast cushion packing and dressing ballast to the standards profile(with or without traffic block) as per IRPWM. The rate includes cost of contractor's labour, tools & plants, equipment's, all taxes and all other incidental charges etc complete. Note-This item shall be operated only in case of non availability of Tamping machine as per item 6 of this schedule.				
A	1st to 3rd consolidation through packing as per IRPWM	Per Set/ packing			
	i) 1 in 12 points & crossings PSC layout (Thick web/curved switches)		39	9,960.81	3,88,471.59
	ii) Derailing switches 52 Kg PSC layout		9	6,126.47	55,138.23
11	Anti-corrosive painting of 60 kg/52 kg Rail as per IRPWM Manual for corrosive prone areas. Painting to be done prior to installation on sleepers including touching of paints in areas damaged during fixing. As per specification in Para 250(2) (b) of IRPWM.	Track metre	5000	73.57	3,67,850.00
12	Distressing of LWR/CWR track with 60kg/52 kg rails at appropriate rail temperature as described in LWR manual and as per direction of engineer including adjustment of gap of SEJ, squaring & correct spacing of sleepers disturbed during the work, including greasing of ERCs and inserts as per specification in Para 1411(5) of IRPWM. The rate is inclusive of all labour (Skilled/ semiskilled/unskilled) tools and plants complete and all applicable taxes. Payment for cutting of rails shall be paid separately under relevant items.	Track KM	17.00	29,059.95	4,94,019.15
13	Cutting, transportation & fixing LWR reference posts, gate posts, curve posts etc made of IRCON's 90R/52Kg U/S rails as per direction of Engineer-in-charge. The rate includes cutting of rail to the required length, transportation, fixing with necessary excavation, concreting with 1:3:6 concrete with contractor's stone aggregate of 20 mm nominal size, sand of approved quality, Painting the rail surface and painting/writing	Each	80	490.38	39,230.40

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	of letters of Kilometre No. Curve reference as required etc. The rate also includes cost of materials, labour, tools and plants etc. The size of pit is 30x30x60 cm. (Cost of cement & Steel will be paid under Sch-D)				
14	Fabrication & Fixing of guard rails on Major Bridges and High banks including transportation of small fittings from IRCON's stores cleaning of holes for fixing rails screws. The rate includes all tools & plants, labour and all incidental charges and all taxes. The rail will be supplied by IRCON free of cost. Cost of transportation of rails if any will be paid separately.				
	(a) On straight & flared portion as per the standard drawing for guard rails on Major Bridges.	Metre	500	382.59	1,91,295.00
15	Casting, transportation and fixing of RCC Kilometre posts / Gradient posts as per approved drawing of size 1100mm x 450mm x 75mm thick in proportion 1:1.5:3 with contractors well graded coarse aggregate of size 20 mm. and below, coarse river sand of approved quality, fixing the same with cement concrete 1:3:6 (well graded coarse aggregate of size 20 mm. and below) with necessary excavation, painting the post with superior quality synthetic enamel paint two coats of approved colour over base coat of white cement and lettering the Km (Figures) with approved paint and colour on both sides. Rate is inclusive of all contractor materials, lead, lift, transportation, cantering, shuttering, curing, royalty, taxes, tools and plants, labour, masons etc., complete. (Dimensions of foundation pit 830mm x 650mm x 750 mm deep.	Each	50	2,152.97	1,07,648.50
16	Painting of letters/figures on concrete surfaces/steel boards for station number, super elevation and versine at each station of curve with Contractors paint of approved quality as and where directed by the Engineer-in-charge or his representative.	Each station	1300	86.25	1,12,125.00
17	Painting of particulars of turnout and derailing switches including turn in curves on the inside web of outer rail with stencils of specified height in black enamel paint on surface of specified length painted with 2 coats	Turn out	15	1,237.93	18,568.95

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	of yellow enamel paint over a primer coat painted after cleaning the surface free from dust.				
18	Slewing of track with 60Kg/52 kg/90R rails with PSC/CST- 9/Steel sleeper or any other type of sleepers track to a maximum of up to 2 m and packing the slewed track to pass the trains immediately after slewing as per Para 224 of IRPW Manual with contractor's tools and plant, labour, lead, lift etc., complete as directed by Engineer-in-charge of the work(with or without traffic block)	Track metre	3000	181.01	5,43,030.00
19	Greasing of all four Pandrol clips, liners and eye of MCI insert on the PSC sleeper with contractor's approved quality graphite grease as per IS408 Gr"0" including removing and refixing of Pandrol clips with appropriate tools, plants, equipment, labour leads. Lifts etc complete.	Per Sleeper	37710	6.40	2,41,344.00
20	Greasing of gauge faces of rails with contractor's approved quality graphite grease as per IS408 Gr"0" with all contractor's labour, tools & plants, all leads and all other incidental charges etc. complete.	per Track metre	75000	3.99	2,99,250.00
21	Supply & fixing boards for LWR, curve board, point board, Bridge name board or any other similar board made of 16 gauge MS sheet with ISA 40x40x5 mm frame and ISA 75x75x6mm posts as per drawings duly painted and lettered with luminous paint.	Each	50	2,937.71	1,46,885.50
22	Manufacturing & supplying Engineering indicator board, partially Retro Reflective having stove enamelled background and 12 mm dia holes drilled for fixing with bolts & nuts of 10 mm dia made out of 16 SWG Mild Steel Cold rolled sheet painted with non-peel able weather proof one coat of Zinc Chromate stoving Primer on both sides and sheeting reflective sheet of Engg Grade with back frame made out of M.S. Angle 25 x 25 x 5mm on front side and gray stove enamelled on back side to IS shade No. 630 French Grey proper arrangements should be made to fix with the Railway's post. Engineering Grade Retro Reflective Enclosed Lens Type Sheeting shall be provided of				

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	required colours, confirming to respective drawings complete with contractor's labour, materials, taxes, tools & plant lead / lift, incidental charges etc.				
(a)	Whistle indicator board board of size 600 x 600mm marked W/L or W with 4 Nos. G.I. Bolts and nut of size 10 mm dia and 20 mm long as per the approved drawing.	Each	10	3,556.91	35,569.10
23	Pushing / Operating the push trolley / motor trolley by contractor's skilled staff for the inspection of track by Railway official. The labour for this work should be skilled and strong for doing this work and they should be available for throughout the day. (1 supervisory / semi-skilled & 4 unskilled persons per day)	Per day	200	2,260.54	4,52,108.00
24	Insertion and fixing of 60kg/52 Kg glued joints at the required locations in running track. The rates includes labour charges for handling the glued joints in depot for testing the glued joints, loading and unloading of glued joints to transport the same from IRCON's Store, if required to work site, removal and re-insertion of all types of fittings from the track/into track for insertion of glued joints, cutting of rails if required. Rate includes all taxes, lead, lift, labour, tool, plants, equipment, incidental charges etc complete.	Each	60	356.12	21,367.20
25	Cutting of 52kg/60kg New/SH Rails by abrasive disc cutter including all tools, machinery disc, fuel, handling of rails, taxes, cess, GST etc, complete in all respect	Nos.	1000	683.67	6,83,670.00
	Total of Schedule (D)				3,71,30,022.35
	Schedule (E) : Welding Works (AT & FBW)				
1	Flash butt welding of 60 kg, 52 kg rails and panels , as per manual for flash butt welding of rails Revised-2012, in track or outside track , in depot or in mid section for making panels including removing and refixing the fittings , creating required gap by pulling the rails, handling of rails. Ultrasonic testing of welded joints shall be paid separately.	Each	3200	5,006.54	1,60,20,928.00

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	(Contractor has to arrange the RDSO QAP Approved Mobile Flash Butt Welding Plant (As per Manual for Flash Butt Welding of Rails Revised-2012) . If contractor desires IRCON can assist in arranging Mobile Flash Butt Welding Plant at ACTUAL COST CLAIMED BY AGENCIES as ITC, PCM, Kalindi, Pandrol India, Purple Distributors, Navketan etc. per Joint cost + GST 18% + Mobilisation charges + testing charges + USFD Charges and other conditions of agency)				
2	Alumino Thermite Welding of 60Kg/52 Kg rail joints or combination of joints of 60Kg/52Kg rail by Pre-heat (SKV) welding Technique using compressed air petrol /LPG for preheating , three piece moulds and automatic tapping thimble by single shot crucible technique with all labour, materials including supply of portions, tools and plants, aligning of rails , placing and fixing of mould , preheating , welding , mechanized trimming using hydraulic weld trimmer, grinding with profile grinder (including riser), testing, marking, painting with one coat of high build epoxy paint (two pack conforming to RDSO specification No. M&C/PCL-111/88) on the welded area up to 10cm on either side. the work is to be completed in all respect as per IRS: T-19-2012 with latest updates and in accordance with " RDSO Manual for fusion welding of Rails by Alumino Thermic Process with up to date correction slips. The work to be done under supervision of trained welding supervisor and carried out by trained and certified welder having valid competency certificate from RDSO/TPP. Ultrasonic testing of welded joints shall be paid separately under relevant items.	Each	300	6,250.69	18,75,207.00
3	USFD testing of 60Kg/52 Kg Rail welds (Flash butt/SKV) as per the RDSO Manuals and submitting the report on Performa directed by the Engineer Incharge.	Each	3500	77.25	2,70,375.00
4	Shifting of Mobile Flash Butt Welding Plant by Road from one project site to other project site (beyond minimum shifting of 5 km within the same project)	Km	600	232.47	1,39,482.00

Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
	all complete including GST and all other taxes etc. as directed by Engineer in charge				
	Total of Schedule (E)				1,83,05,992.00
	Schedule- F : -Fabricating, Supplying and Fixing in Position Galvanized Steel Channel Sleepers				
1	The work includes Fabrication, transportation, supply and fixing of galvanized steel channel sleeper with all fittings and fixtures etc as mentioned in the relevant drawings. Fabrication to be done from steel of tested quality confirming to IS:2062 E250 BR and fixing to be done on fabricated girders as a complete job (including fixing of elastomeric pads and GRSP per set per sleeper as supplied under item 3 but excluding cost of supply of elastomeric pads and GRSP with contractor's tools, plants, labour, taxes, levies etc complete. Reference RDSO drawing number BA/1636/R2, BA/1636/1/R2 with latest alteration, if any including the fabrication of stool/ packing or to make arrangements to maintain the height of Rail level in PG/OWG Girder as per site conditions with all fittings as per site conditions. No separate payment for channel sleepers fittings as mentioned in approved drawing such as MS Grooved pad plate, T/Head bolts, Tapered washer etc except supply of elastomeric pads and GRSP. The galvanized channel sleeper have to be brought at site. The rate shall include Galvanizing, painting if required, inspection charges etc all complete. Note:-1. Fabrication of steel channel sleepers will confirm to IRS BI-2001(with latest correction Slips). 2 The fabrication workshop should be approved from RDSO. 3. Supply of all fixtures and fastenings shall be from RDSO approved vendors only.	Each	224.0	24,329.73	54,49,859.52

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Sr. No.	Item Description	Unit	Quantity	Rate Put to tender (Ex. GST) (in ₹)	Amount Put to tender (Ex. GST) (in ₹)
2	The work includes Fabrication, transportation, supply and fixing of galvanized Short Height steel channel sleeper with all fittings and fixtures etc as mentioned in the relevant drawings. Fabrication to be done steel of tested quality confirming to IS:2062 E250 BR and fixing to be done on fabricated girders as a complete job (including fixing of elastomeric pads and GRSP per set per sleeper as supplied under item 3 but excluding cost of supply of elastomeric pads and GRSP with contractor's tools, plants, labour, taxes, levies etc complete. Reference RDSO drawing number B- 1636/10 with latest alteration, if any including the fabrication of stool/ packing or to make arrangements to maintain the height of Rail level in PG/OWG Girder as per site conditions with all fittings as per site conditions. No separate payment for fittings as mentioned in approved drawing such as MS Grooved pad plate, T/Head bolts, Tapered washer etc except supply of elastomeric pads and GRSP. The rate shall include Galvanizing, painting if required, inspection charges etc all complete. Note:-1. Fabrication of steel channel sleepers will confirm to IRS BI-2001(with latest correction Slips). 2 The fabrication workshop should be approved from RDSO. 3. Supply of all fixtures and fastenings shall be from RDSO approved vendors only.	Each	28	24,329.73	6,81,232.44
3	Supply & transportation (up to Bridge approaches) of elastomeric pads and grooved rubber pads as per Drg. No. RDSO/T-5155 to 5164 with latest alterations, if any and drawing no. BA/1636/R2,BA/1636/1/R2 with latest alteration, if any and specifications given there in, as compatible with girders as indicated in the scope of work of this tenders, with contractor's tools, plants, labour, taxes, levies etc complete in all respect. Note: - Supply shall be taken from RDSO approved vendors only.	Each	504.00	3,555.00	17,91,720.00
	Total of Schedule (F)				7922811.96

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Sr. No.	Item Description	Unit	BOQ Quantity	Escalation on Basic Rate	Departmental Basic Amount (Rs.)
	SCHEDULE (G): Other items of work not covered by above schedules (Section "Z" of SECR-SOR-Vol-01, 2006)				
1	Execution of all work connected with above work covered under section "Z" of SECR - SOR VOL 01, 2006 against the basic rate of Bilaspur Division of SECR (Excluding items covered by any other schedule of this tender) for successful completion of the work as deemed necessary by the Engineer.	LS (in Rs)	40,00,000.00	202.77%	1,21,10,800.00
	Total of Schedule (G)				1,21,10,800.00
	SCHEDULE (H) : Other items of work not covered by above schedules (SECR-USSOR-2010)				
1	Any item of SECR-USSOR-2010 not covered by any other items of Schedules - A,B,C,D,E,F &G but required to be executed for successful completion of the work as deemed necessary by the Engineer.	LS (in Rs)	7,00,000.00	52.32%	10,66,240.00
	Total of Schedule (H)				10,66,240.00

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(To be executed on a non-judicial stamp paper of Rs 100/- only)

PERFORMANCE BANK GUARANTEE (UNCONDITIONAL)

To
IRCON INTERNATIONAL LIMITED,

[Acting through _____ (Project Incharge) &
Address of the Project]

WHEREAS _____ [name and address of Contractor] (hereinafter
called "the Contractor") has undertaken, in pursuance of Contract
No. _____ dated _____ to execute the work of
".....
...
.....
....."

(hereinafter called "the Contract.");

AND WHEREAS it has been stipulated by you in the said Contract that the
Contractor shall furnish you with a Bank Guarantee by a scheduled bank for the
sum specified therein as performance security for compliance with his obligations in
accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to
you, on behalf of the Contractor, up to a total of _____
[amount of Guarantee], _____
[amount in words], such sum being payable in the types and proportions of
currencies in which the Contract Price is payable, and we unconditionally agree and
undertake to pay you, without any demur or protest, at once, upon your first written
demand and without cavil or argument, any sum or sums within the limits of
_____ [amount of Guarantee] as mentioned in demand letter, without
requiring you to prove or to show grounds or reasons for your such demand for the
sum specified therein, in the first letter of invocation.

We hereby waive the necessity of your demanding the said amount under bank
guarantee from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of
the Contract or of the Works to be performed there under or of any of the Contract
documents which may be made between you and the Contractor shall in any way
release us from any liability under this guarantee, and we hereby waive notice of
any such change, addition or modification.

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This guarantee shall be valid upto _____ (a date 60 days from the date of completion of the work).

We, the _____ Bank further agree that this guarantee shall be invokable at our place of business at New Delhi/NCR/Project HQ (Indicate detail address of branch with Code No.)*. The branch at New Delhi/NCR/Project HQ is being advised accordingly.

This Bank Guarantee shall be operative only if it is accompanied by a separate advice sent by _____ (Name of Issuing Bank, with address) on _____ (Name of Employer's Bank, with address) IFS Code _____ through Structured Financial Messaging System (SFMS) and authenticated by the Employer's Bank.

SIGNATURE AND SEAL OF THE GUARANTOR

Name of Bank: _____

Address: _____

Date: _____

*The Bank should indicate detailed address of New Delhi/NCR/Project HQ branch along with its Code No.

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FORM OF AGREEMENT

(To be executed on requisite value of stamp Papers)

AGREEMENT

THIS AGREEMENT made on _____ day of _____ (Month/year) between IRCON INTERNATIONAL LIMITED, acting through (Project Head and name/address of the **Project**.....) (hereinafter called "the Employer/Engineer") of the one part and _____ (name and address of the Contractor) (hereinafter called "the Contractor") of the other part.

WHEREAS the Employer is desirous that work of "....." should be executed by the Contractor viz. **LOA No.** _____ (hereinafter called "the Works", and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement:
 - a) Letter of Acceptance of Tender
 - b) Notice Inviting Tender
 - c) Instructions to the Tenderers
 - d) Appendix to Tender
 - e) Form of Bid
 - f) Special Conditions of the Contract
 - g) General Conditions of Contract
 - h) Particular Technical Specifications
 - i) General Technical Specifications
 - j) Relevant codes and Standards
 - k) Drawings
 - l) Bill of Quantities
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement executed the day and year first before written.

(Name, Designation and address of the authorised signatory)

(Name, Designation and address of the authorised signatory)

Signed for and on behalf of the Contractor in the presence of:

Signed for and on behalf of the Employer in the presence of:

Witness:

Witness:

1.

1.

2.

2.

Name and address of the witnesses to be indicated.

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Signature Not Verified

Digitally signed by TRIPTI MAHESHWARI
Date: 2023.05.02 17:37:37 IST
Location: eProcurement System for Central PSUs