



इरकॉन इन्टरनेशनल लिमिटेड

(भारत सरकार का उपक्रम)

छत्तीसगढ़ रेल परियोजना

IRCON INTERNATIONAL LIMITED

(A Govt. of India Undertaking)

An Integrated Engineering and Construction Company

CHHATISGARH RAIL PROJECT



IRCON/2060/CGRP/e-TENDER/23-24/GEVRA -PENDRA/CTL-2/BSP-65/15809 Dated. 03.05.2024

To

M/s Shivakriti International Limited,
Corporate Park, 7th Floor,
Ajmer Pulia, Jaipur-302006
Ph No: 0141-4040479
Email Id: info@shivakriti.net

(Letter of Acceptance)

Sub: Assembling, laying and linking of Railway track with Contractor's own P-Way materials (except Rails, ballast and sleepers) and all other allied works required for commissioning of Railway line between Sendurgarh (67 Km) (including) to Pendra Road (135 Km) Double line in connection with the construction of New BG Electrified Double Railway Line for Chhattisgarh East West Rail Corridor from Gevra Road (Km 0) to Pendra Road (Km 135) via Dipka, Kathghora, Sendurgarh and Pasan in the state of Chhattisgarh over South East Central Railway- **Letter of Acceptance**

Ref: i. NIT No: IRCON/2060/CGRP/e-TENDER/23-24/GEVRA -PENDRA/CTL-2/BSP-65

Date: 17.01.2024

ii. Corrigendum no. 01 Dated 31.01.2024

iii. Technical Bid Opened on 09.02.2024 and financial bid opened on 13.03.2024

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. 87,32,31,846.73/-** (Rupees Eighty-Seven Crore Thirty-Two Lakhs Thirty-One Thousand Eight Hundred Forty-Six and Seventy-Three Paisa) **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. 12.1, 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 4,88,15,574.00/- (Rupees Four Crore Eighty Eight Lakhs Fifteen Thousand Five Hundred Seventy Four only) @ 5% (Five 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. 04.04.2025 (03.02.2025 + 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 **09 (Nine) months** from the date of issue of letter of acceptance including monsoon period **i.e. up to 03.02.2025**. The work has to be executed in co-ordination with other agencies working on or near the project.

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प्रथम तल, नार्थ एवेन्यू, तखतपुर रोड, उस्लापुर,
बिलासपुर (छ.ग.) 495001
1st Floor, North Avenue, Takhatpur Road,
Uslapur, Bilaspur 495 001 Tel : 07752-299151

रजि. कार्यालय :सी. - 4, डिस्ट्रिक्ट सेंटर, साकेत, नई दिल्ली-110017, भारत
Regd. Office : C-4, District Center Saket, New Delhi-110017 INDIA
Tel. : +91-1129565666 Fax: 91-11-26854000, 26522000
E-mail : info@ircon.org web. : www.ircon.org



CIN-L45203DL1976GOI008171

2.2 In term of SCC Clause no. 9.0, 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.8 of SCC.

4.0 Variation in Quantity:

In term of SCC Clause no. 18.0, 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. 4 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 10 of SCC.

7.0 Insurance:

In term of SCC clause no. 11.0, 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. 14.0, 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. 13)

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 in Civil Engineering and having minimum experience of 10/15 years in P.way Track linking works.	1 No.
2	Site Engineer (Track) – Graduate / Diploma in Civil Engineering and having minimum experience of 3/5 years in P.way Track linking works.	5 Nos
3	Engineer (Survey, Planning & Quantity Survey) – Graduate / Diploma Engineer with Minimum of 3/5 years relevant experience in track linking works.	3 Nos
4	Engineer (Quality Control, Environment & Safety) – Graduate / Diploma Engineer with Minimum of 3/5 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 as per SCC No. 13.1.1:

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 as per SCC No.13.1.3.

10.0 Inspection Vehicles and site office (SCC clause No.3.2):

- 10.1** You will provide **03 (Three) no. inspection vehicle (Model- Toyota Innova/Mahindra XUV 500 - 01 No & Mahindra Scorpio /Bolero Neo/ TUV or similar- 02 No) in good condition (model not older than 03 years)** for site movement of Engineer or Engineer's 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 03 vehicles, 1 vehicle (Model- Mahindra XUV 500) to continue during Defect Liability Period (DLP) with same terms and conditions as stated above.

No separate payment shall be admissible on this account. 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 3.3)

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 **03 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. 12.2 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 Shivakriti 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 **09 months including monsoon period** from the date of issue of this LOA i. e. **03.02.2025.**

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

SURENDER SINGH Digitally signed by
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Date: 2024.05.03
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(Surender Singh)
Project Director/CGRP

Copy for information and necessary action please:

CEO/CEWRL, CGM/CGRP, GM/Finance, JGM/Civil/P&C & DGM/Track

ANNEXURE-I

Name of Work: Assembling, laying and linking of Railway track with Contractor's own P-Way materials (except Rails, ballast and sleepers) and all other allied works required for commissioning of Railway line between Sendurgarh (67 Km) (including) to Pendra Road (135 Km) Double line in connection with the construction of New BG Electrified Double Railway Line for Chhattisgarh East West Rail Corridor from Gevra Road (Km 0) to Pendra Road (Km 135) via Dipka, Kathghora, Sendurgarh and Pasan in the state of Chhattisgarh over South East Central Railway.- (Package CTL-2).

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	33,77,71,396.38
2	Schedule-B	Supply of Special type of Sleepers	5,39,70,885.62
3	Schedule-C	P.Way Linking and Connected work	24,99,90,718.99
4	Schedule-D	Welding Works (AT & FBW)	12,02,70,834.00
5	Schedule-E	Steel Channel/H Beam Sleepers	2,90,41,309.24
6	Schedule-F	Other items of work not covered by above schedules (Section "Z" of SECR-SOR-Vol-01,2006)	1,96,47,600.00
7	Schedule-G	Other items of work not covered by above schedules (SECR-USSOR-2021)	2,12,65,646.73
Total Basic amount			83,19,58,390.96
GST @ 18%			14,97,52,510.37
Total Estimated Cost (Rs.)			98,17,10,901.33

Rate %/Below/Above/At Par	:	11.05% /Below
Total Basic amount	:	Rs. 74,00,26,988.76
GST @ 18%	:	Rs. 13,32,04,857.98
Total Awarded Value	:	Rs. 87,32,31,846.73 (Rupees Eighty-Seven Crore Thirty-Two Lakhs Thirty-One Thousand Eight Hundred Forty-Six and Seventy-Three Paise) including GST

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(Surender Singh)
Project Director/CGRP

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BILL OF QUANTITIES:

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	SCHEDULE (A) - Supply of P-way items excluding Rails, Sleepers and Ballast				
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	55	16,71,450.42	91929773.10
2	Supply of full set 1 in 12, 60kg points and crossings as per RDSO Drg. No. T-4218 curved switch, T-4219 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 curved 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. PSC sleepers and rails for lead rails shall be issued by IRCON free of cost and the same shall be collected by contractor from the store at project site and transported at contractor's cost.	Set	10	10,70,482.79	10704827.90
3	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	6	3,38,184.14	2029104.84

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
4	Supply of full set of 60 Kg 1 in 8 1/2 point & crossing to RDSO assembly drg no. T-4865 & sub assembly to RDSO drg no. T-4966 and T-4967 (all drawings with upto alterations) with all fittings & fastenings, curve switchs, CMS crossing, Check rails, 1 m lang fish plates, fish bolts & nuts,GRSPs. The rates includes the cost of all materials loading transpotation, unloading staking at designated store/worksite all taxes inspection charges etc. complete, but rate does not include cost of PSC turnout Sleepers shall be issued by IRCON free of cost and the same shall be collected by contractor from the store at project site and transported at contractor's cost.	Set	3	9,94,045.98	2982137.94
5	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. (52m length of 60Kg Rail shall be issued by IRCON free of cost and the same shall be collected by contractor from work site and transported at contractors cost for fabrication).	Set	92	2,19,373.36	20182349.12
6	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	3500	88.88	311080.00
7	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	Pair	350	5,120.59	1792206.50

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	all lead , lift, contractors labour, machineries tools & plants etc. complete.				
8	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	200	2,785.15	557030.00
9	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	150	1,691.67	253750.50
10	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	110	5,511.15	606226.50
11	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	5000	89.10	445500.00
12	Supply of Elastic Rail Clips MK-V conforming to RDSO Drg. No. T-5919 with latest alterations. Specification IRS t-31:1992 with corr. No. 4 of Dec-2016 with latest alterations. 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	948000	97.96	92866080.00

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
13	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	2000	17.65	35300.00
14	Manufacturing and Supply of GFN-66 insulating liner for use with ERC-MK-V on 25T Concrete sleeper [RT-7008 & RT-8527] suitable for 60Kg.[UIC] Rails, to RDSO drg. No. T-6938-6939, 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.	Set	125000	43.34	5417500.00
15	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	1000	57.73	57730.00
16	Supply of composite Rubber Sole Plates 10 mm thick for wider PSC sleeper with 136RE & 60 Kg (UIC) Rail to RDSO Drg. No. T-8528 with Alt-1 for placing beneath Rail conforming to IRS specification for provision -2007 No. RDSO/M&C/RP-200/-2007 with corrigendum no.1 of 2018 & Amendment-1 of 2018 . 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	475000	89.32	42427000.00
17	Fabrication and supply of G3(L) type glued insulated rail joints of UIC 60kg to RDSO Drg.No. T-2572 conforming to the specifications as detailed in the manual for Glued Insulated rail joints (revised 1998) as per amendment & corrigendum No.5 of July 2012. The rate shall be inclusive of transportation to work site, all type of taxes, inspection charges, freights, insurance,	Each	400	55,041.08	22016432.00

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	packing, loading, unloading with all lead, lift, contractor's labour, machineries, tools & plants etc complete including cost of the rail 60Kg UIC 90UTS Prime quality.				
18	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	3000	29.97	89910.00
19	Supply of 60 kg. Metal Liners at site conforming to RDSO Drg. No. T-8616 & T-8617 (Each one piece) with latest alterations. Specifications: IRS Specifications for metal Liners for use with elastic Rail clips (provisional-2013) with corrigendum 1 of Oct-2016 with latest alterations. 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.	set	400400	105.33	42174132.00
20	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	3500	25.64	89740.00
21	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	97.56	487800.00
22	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	Each	1500	29.00	43500.00

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	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)				
23	Manufacturing and supply of Self Propelled Light Weight Trolley as per RDSO Specification No. TM/SM/28 Rev.01 of 2004 with latest amendment.	Each	2	1,36,142.99	272285.98
	Total of Schedule (A)				33,77,71,396.38
	Note: Supply shall be taken only from RDSO approved Vendore unless approved / specified otherwise.				
	Schedule (B) :Supply Of Special type of Sleepers				
1	Supply of BG PSC turnout sleepers 60 Kg,1 in 12 Fan shaped layouts including approach and exit sleepers and with long concrete sleepers (for fixing of hand operated lever box/point machine) as pere 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 maufacturing loading to contractors own vehicles,transportatation to work site, unloading & proper stacking as per requirements including 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	65.00	6,11,709.04	3,97,61,087.60
2	Supply of BG PSC turnout sleepers 60 Kg,1 in 8.5 Fan shaped layouts including approach and exit sleepers and with long concrete sleepers (for fixing of hand operated lever box/point machine) as pere RDSO Drg. No. T-4865 and conforming to IRS specification The rate shall inclusive of maufacturing loading to contractors own vehicles,transportatation to work site, unloading & proper stacking as per requirements including 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	3.00	4,97,499.20	14,92,497.60

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
3	Manufacturing and supply Mono Block Concrete sleepers (PSC Type) for broad gauge for Derailing Switch as per RDSO's drawing No. T6068. Alt.III to suit 60 kg UIC and IRS Specifications no T-45-96 (second Revision May 1996)each set consist 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 including all taxes after inspection, loading transportation and unloading ,proper stacking at desired location at project site in corridor etc complete as per decision and direction of Engineer incharge.	set	6.00	1,64,262.85	9,85,577.10
4	Manufacturing ,supply and transportation and stacking of 60Kg BG PSC sleepers for bridge approaches as per RDSO Drg. No. T-8673 to 8680 60Kg UIC Rail & IRC Specifications no.T-39-85. One set consists of 4 Nos. of PSC sleepers of RDSO's Drg No.:T-8673 and one PSC sleepers each of RDSO Drg. no. T-8674 to 8680 (Each approach have total 11 Nos. sleepers .duly loaded in to wagons/road vehicles and transportations to sites and unloading & stacking properly.The rate shall inclusive transportatation 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	24.00	43,663.02	10,47,912.48
5	Manufacturing ,supply and transportation and stacking of PSC Bridge Guard sleepers as per RDSO Drg. No. T-8672 to suit 60Kg UIC Rail & IRC Specifications no.T-39-1985 (Third Revision May-1996) as amended latest alteration up to date duly loaded in to contractor's own vehicles.The rate shall inclusive transportatation 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	2400.00	3,559.81	85,43,544.00

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
6	Supply of 60Kg PSC Sleepers for SEJ to the RDSO drawing No.. T-4149 and conforming to IRS specifications T-39-1985,Revision 4 Aug 2011.The rate shall inclusive transportatation 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	92.00	23,263.77	21,40,266.84
	Notes				
i	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 Incharge for the items Sl.No.1,2,3,4,5,6.				
ii	Final acceptance of materials shall be carried out by the Engineer incharge /consultant/client at site.if any material found defective at site shall have to be replaced by the contractor at his own cost and no extra payment whatsoever shall be paid in such events.				
iii	The materials may be inspected by engineer incharge /consultant/client at manufacturing site if required at contractors cost.				
iv	The rates shall be inclusive of all taxes insurance,inspection charges ,transportation ,loading unloading and stacking at site. No extra payment what so ever shall be paid on any account over above the acceptable rates.				
v	consignee for above materials shall be : M/s Ircon International Limited, Chhattisgarh.				
vi	All materials shall conform to the latest revisions of respective drawing numbers and specifications.				
vii	The quantities given above are indicative , the actual quantities may vary 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 site facilities.				
	Total of Schedule (B)				5,39,70,885.62
	SCHEDULE(C): P. Way Linking and Connected work				
1	Laying of new Broad Gauge P. Way track	Tr.KM	148	4,56,547.84	6,75,69,080.32

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	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 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 free 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 iclude 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%.				
2	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	140	26,892.02	37,64,882.80

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
3	Transportation of Rails 52Kg/60Kg (single Rail panel) of all sections from point of issue (IRCON's Stack/Store) to their final location of laying in track (Up to lead of 5 km), as directed by Engineer-in-charge. the rates includes all lead ,lifts,loading unloading,labour,taxes ,multiple handling, tools & plants ,ascend/decsned etc. complete. Note: 1) Rails will be provided free of cost by IRCON 2) Rails. which are stacked near/adjacent to formation,Transportation shall be paid under this item. 3) No transportation shall be paid for Rails stacked on the formation, which is inclusive under item -1 above and nothing extra shall be payable.	MT	17861	400.15	71,47,079.15
4	Transportation of PSC sleepers from the place of issue (Stacked near to formation) to their final location of laying in track(Up to lead of 5 km), as directed by Engineer-in-charge. the rates includes all lead ,lifts,loading unloading,labour,taxes ,multiple handling, tools & plants ,ascend/decsned etc. complete. Note: 1) PSC sleepers will be provided free of cost by IRCON 2) Sleepers which are stacked near/adjacent to formation,Transportation shall be paid under this item. 3) No transportation shall be paid for sleepers stacked on the formation, which is inclusive under item -1 above and nothing extra shall be payable.	Sleepers	6640	83.41	5,53,842.40
5	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 (up to lead of 5Km) 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. 6 of this schedule.	Cum	444000	180.29	8,00,48,760.00

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
6	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 spreaded vide item no. 5 above.	Per SQM	666000	3.09	20,57,940.00
7	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 8 of this schedule.				
a	1st through packing as per IRPWM	Track metre	148000	30.79	45,56,920.00
8	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 in arranging machine (duomatic) at Actual cost claimed by SEC RAILWAY, BILASPUR CG /IISL per km + GST as applicable)	Track KM	459	62,579.20	2,87,23,852.80

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
9	Through packing of newly laid 52/60 Kg points and crossings involving opening of ballast, squaring of 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 10 of this schedule.				
a	1st to 3rd consolidation through packing as per IRPWM				
i	1 in 12 points & crossings PSC layout (Thick web/curved switches)	Per Set/packing	195	9,250.23	18,03,794.85
ii	1 In 8 1/2 point & corssing 52kg /60 Kg PSC layout	Per Set/packing	9	7,918.75	71,268.75
iii	Derailing switches 52 Kg PSC layout	Per Set/packing	18	5,575.36	1,00,356.48
10	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 as applicable)	Per T/out	204	62,579.20	1,27,66,156.80

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
11	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.				
a	For first round of tamping	Track metre	153000	34.33	52,52,490.00
b	For second and third round of tamping	Track metre	306000	24.03	73,53,180.00
12	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 leads and cost of shifting/transportation of turnout assembly/Rails to work site for complete job.				

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
a	1 in 12 points & crossings 52kg /60 Kg PSC layout	Set	65	70,720.92	45,96,859.80
b	1 In 8 1/2 point & corssing 52kg /60 Kg PSC layout	Set	3	68,721.20	2,06,163.60
c	Derailing switches 60/52 Kg PSC layout	Set	6	15,806.19	94,837.14
13	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 free 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: The rate includes all lead and cost of shifting/transportation of SEJ assembly to work site	Set	92	12,321.73	11,33,599.16
14	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	180000	68.69	1,23,64,200.00
15	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 of letters of Kilometre No. Curve reference as required etc.The rate also includes cost of materials including cement, labour, tools and plants etc. The size of pit is 30x30x60 cm. (Cost of Steel will be paid under relevent items saperately)	Each	1200	453.79	5,44,548.00

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
16	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 supplied by IRCON free of cost. Note: the rate also includes all leads, cost of transportation of rails if any.				
(a)	On straight & flared portion as per the standard drawing for guard rails on Major Bridges.	Metre	1290	354.05	4,56,724.50
17	Fabrication, erection and fixing standard Railways concrete buffer stop for siding and safety devices as per relevant drawings with upto date corrections and revisions with all materials (Except Rails),cutting and bending of rails, drilling holes, embedding rails in concrete and fixing with contractor's bolts and nuts complete as directed by Engineer in charge. The rate is inclusive of earthwork in excavation in foundation, concrete with contractor's stone aggregate, sand and cement as directed by the Engineer in charge. Note: 1- Rails will be provided by IRCON free of Cost, if required. 2-Rate includes all leads,lifts,acsent,decsent, cost of transportaion of Rails/ sleepers etc. all relevent material.	Each	6	50,677.41	3,04,064.46
18	Casting, transportation and fixing of RCC Kilometre posts / Gradient posts as per approved drawing of size 1100mm x450mm 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	360	1,992.36	7,17,249.60

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
19	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	4000	79.45	3,17,800.00
20	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 of yellow enamel paint over a primer coat painted after cleaning the surface free from dust.	Turn out	74	1,156.17	85,556.58
21	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	2960	167.51	4,95,829.60
22	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	238250	5.92	14,10,440.00
23	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	148000	3.70	5,47,600.00
24	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	250	2,718.55	6,79,637.50

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
25	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 whether 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 required colours, confirming to respective drawings complete with contractor's labour, materials, taxes, tools & plant lead / lift, incidental charges etc.				
(a)	Whistle indicator 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	20	3,327.28	66,545.60
(b)	Termination indicator board of size 1000 mm dia circular with 4 Nos. G.I. bolts and nuts of size 10 mm dia and 20 mm long (marked T/P or T/G or T) as per the approved drawing.	Each	40	12,904.71	5,16,188.40
(c)	Speed indicator board of size 1000 mm equilateral triangle with 4 Nos. G.I. bolt and nut of size 10 mm dia and 20 mm long as per the approved drawing	Each	40	10,181.61	4,07,264.40
(d)	Caution indicator board of size 1400 x 400 mm 4 Nos. G.I. bolt and nut of size 10 mm dia and 20 mm long as per the approved drawing	Each	40	10,957.32	4,38,292.80
26	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	365	2,091.90	7,63,543.50
27	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, transportation to work site, all lead and lifts, 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	Each	400	329.55	1,31,820.00

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	taxes, lead, lift,labour, tool, plants, equipment,incidental charges etc complete job.				
28	Cutting of 52kg/60kg New/SH Rails by abrassive disc cutter including all tools, machinary disc, fuel, handling of rails, taxes, cess, tax etc, complete in all respect.	Nos.	3000	639.47	19,18,410.00
29	Fixing of antisabotage device as special nut for fish bolt including transportation from depot to work site, lifting and lowering of joints, aligning of rail joints, fixing of fish plate at correct location and inseting of bolts and tightening the fish plate etc.	No.	300	79.80	23,940.00
	Total of Schedule (C)				24,99,90,718.99
	Schedule (D) :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. (Contractor has to arrange the RDSO QAP Approved Mobile Flash Butt Welding Plant (As per Manual for Flash Butt Welding of Rails Revised-2012) and QAP of MBFW should be not older than 03 years. 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% + Mobilsation charges + testing charges + USFD Charges and other conditions of agency) 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% + Mobilsation charges + testing charges + USFD Charges and other conditions of agency)	Each	22800	4,623.34	10,54,12,152.00

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Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
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	2200	5,842.71	1,28,53,962.00
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	25000	71.49	17,87,250.00
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) all complete including all other taxes etc. as directed by Engineer in charge	Km	1000	217.47	2,17,470.00
	Total of Schedule (D)				12,02,70,834.00
	SCHEDULE (E): Steel Channel/H Beam Sleepers				
1	Fabrication,manufacture,supply of galvanized H-beam steel sleepers(including standard and short height) made out of the materials as per materials as per the specification given and as per the approved drawing no RDSO/B/1636/4R/ with latest alteration and fixing on the nominated girder bridges with maximum clear spacing of 400mm or as per latest guideline and as per the instruction of	Each set	1444	20,111.71	2,90,41,309.24

Sr. No.	Item Description	Unit	Quantity	Basic Rate (Rs)	Basic Amount (Rs.)
	Engineer In Charge including supply, fixing, galvanized zero toe load fastening as per the approved drawings ,M.s canted base plates , special liners, railpads with embeded steel plates elastic rail clips , elastomeric pads etc including weilding , bolting,nailing, reveting,drilling holes wherever necessary with all contractor's labours, tools plants, machinery , transporation to reach site,lead , lift, loading and unloading etc complete and as directed by Engineer In charge .Note:(I)SHB 200 sleepers should be made of standard rolled section conforming to IS2062 Gr A Beams and MS Plates to IS 2062Gr B fully killed and normalized (II)Galavanizing should be done after weilding MS pad plates to H-Beam sleepers.(III)The elastomeric pad of steel sleepers shall be procured from RDSO approved sources only and shall be inspected by RDSO/RITES/or as per latest guideline/ and used only after certification . The list of RDSO approved firms can be ascertained at the time of execution.(IV) The fittings of H Beam steel sleepers shall be inspected by RDSO/RITES/or as per latest guideline and cerification.Contractor have to arranged for inspection at thier own cost.(V) Painting of the top flage of the girder shall be carried out as per Railways latest specification with the contractor's own labours, tools, materials etc complete in all respect.(VI) The H-Beam sleepers fittings shall confirm to RDSO Drawing No T-8759 to T-8765 with latest alteration.The rate is inclusive of all items such supply of materials , fabrications, inspection,transporation including fixing with fittings and fixures such as rubber pads etc in all respect.				
	Total of Schedule (E)				2,90,41,309.24

S. No.	Item Description	Unit	BOQ Quantity	% Escalation on Basic Rate	Basic Amount (Rs.)
	SCHEDULE (F): Other items of work not covered by above schedules (Section "Z" of SECR-SOR-Vol-01,2006)				

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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)	70,00,000.00	180.68%	1,96,47,600.00
	Total of Schedule (F)				1,96,47,600.00
	SCHEDULE (G) : Other items of work not covered by above schedules (SECR-USSOR-2021)				
1	Any item of SECR-USSOR-2021 not covered by any other items of Schedules - A,B,C,D,E & F but required to be executed for successful completion of the work as deemed necessary by the Engineer.	LS (in Rs)	2,00,00,000.00	6.33%	2,12,65,646.73
	Total of Schedule (G)				2,12,65,646.73

Note:- Items covered under SECR-USSOR-2021 (i.e. under Schedule G above) are inclusive of GST @12%, therefore items executed under Schedule G will be paid by deducting GST @12% thereafter adding escalation on quoted rate and thereon adding prevalent GST rate (i.e. @18%).

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Annexure - II

(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.

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.

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.