

No: IRCON/2046/NFR-SRRP/Earthing-Pkg-01/LOA/

Date: 06.02.2024

M/s Pragati Electrocom Pvt. Ltd.
Plot no. 184, Sector-3,
IMT Manesar, Gurgaon,
Haryana - 122 050.

(Kind Attn : Mr Javed Anwer)

(LETTER OF ACCEPTANCE)

Sub: Supply, installation testing and commissioning of Earthing system complete in all respect in TRN/ E&M Niches, Underground Substation (USS) Niches for Tunnel T-1 to T-7 in connection with Sivok (West Bengal) to Rangpo (Sikkim) New B.G. Rail Line Project (Earthing Package:-1)

- Ref:
1. e-NIT No. IRCON/2046/ELECT/NFR-SRRP/Earthing Pkg01/08, dated: 16.12.2023
 2. Corrigendum-I No. IRCON/2046/ELECT/NFR-SRRP/Earthing Pkg01/08, dated 28.12.2023
 3. Technical bid opened on 09.01.2024
 4. Your offer No. Nil dated 04.01.2024
 5. Status of bidders after technical evaluation & financial bid opening notified on e-procurement portal on 03.02.2024
 6. Financial bid opened on 03.02.2024
 7. Financial bid evaluation summary notified on e-procurement portal on 06.02.2024

Reference above, the competent authority for and on behalf of Ircon International Limited is pleased to accept your offer for the work of 'Provision of Supply, installation testing and commissioning of Earthing system complete in all respect in TRN/ E&M Niches, Underground Substation (USS) Niches for Tunnel T-1 to T-7 in connection with Sivok (West Bengal) to Rangpo (Sikkim) New B.G. Rail Line Project (Earthing Package:-1)' as per terms & conditions detailed below:

- 1) **Total Price:** Detailed Bill of Quantity (BOQ) is attached as Annexure-A and total value of the order comes out to Rs. 3,94,99,878/- (Rupees Three crores ninety-four lakhs ninety-nine thousand eight hundred and seventy-eight only).
- 2) **Taxes, Duties & Levies etc.:** The contract prices indicated in Annexure-A is inclusive of all types of taxes, duties and levies imposed by Central/State Govt. and local bodies such as IGST/CGST/SGST/UTGST, Compensation Cess, Labour Cess, Custom duty, royalties and other levies and shall be governed in accordance with clause no. 12 of Special Condition of Contract (SCC) of the Tender Document.
- 3) **Date of Commencement of the Contract:** Date of issue of this Letter of Acceptance shall be treated as the date of commencement of the contract. The Contractor shall be expected to mobilize to the site of works and commence execution of the works within 10 (ten) days from the date of issue of Acceptance Letter by IRCON as per clause no. 6 of Special Conditions of Contract.
- 4) **Completion Period:**
The work is required to be completed within 12 (Twelve) months from the date of issue of Letter of Acceptance (LOA) as per milestones mentioned in clause no. 8 of Special Conditions of

Contract. In case of any delay in the completion period, the extension of the same shall be dealt as per clause no. 17 (A) & 17(B) of Indian Railways Standard General Conditions of the Contract, April,2022.

5) Payment Terms:

The payment terms shall be dealt under clause no. 16.0 of Special Conditions of Contract. The documents required for release of payment shall be provided as per clause no. 17.0 of Special Conditions of Contract.

6) On Account Payments:

On-Account payments shall be dealt under clause no. 54.0 of Special Conditions of Contract.

7) Mode of Payment and Tax Deduction at Source:

Mode of payment and TDS shall be dealt under clause no. 18.0 of Special Conditions of Contract.

8) Quantity Variation:

Quantities variation is applicable in line with clause no. 41.0 of Special Conditions of Contract and clause no. 42 of Indian Railways Standard General Conditions of the Contract, April,2022.

9) Price Adjustment:

Price quoted by the bidder shall be fixed throughout the tenderer's performance of the contract, and not subject to any variation on any account and will be dealt as per clause no. 13.0 of Special Conditions of Contract.

10) Performance Security & Retention Money:

In terms of clause no. 21.1(i) of Special conditions of contract and, M/s Pragati Electrocom Pvt Ltd. shall submit Performance Security amounting to 5% of contract value (Rs.3,94,99,878/-) i.e. Rs.19,75,000/- (Rupees Nineteen Lakhs Seventy-five thousand only) and as per SCC clause no 21.1(vi), an additional Performance Guarantee of Rs 68,104/- (Rupees Sixty-eight thousand one hundred and four only). Thus, total value of PBG is Rs. 20,43,104/- (Rupees Twenty Lakhs forty-three thousand one hundred and four only) which shall be submitted in the form of irrevocable Bank Guarantee from a schedule Bank in India within 21 days of issue of this LOA and should be addressed to 'The Project Director, Ircon International Ltd, Sivok-Rangpo New BG Rail Line Project, Block-C, 2nd floor, P.C. Mittal Bus Terminus, P.O-Sevoke Road, Siliguri-734001 (W.B)'. The performance Guarantee shall be initially valid up to the stipulated date of completion plus 60 days beyond that. For further details on performance security & retention money, clause no. 21.0 of Special conditions of contract may be referred.

11) Insurance:

Insurance cover shall be dealt under clause no. 29.0 of Special conditions of contract.

12) Man Power for E&M Works

The contractor is bound to deploy technical manpower with prescribed experience and qualifications as defined at S.No. 57 of Special conditions of contract, for which no payment shall be made to the contractor. Deductions shall be done for non-deployment of manpower as defined at S.No. 57 of Special conditions of contract.

13) Defect Liability Period:

Defect Liability Period shall be governed by clause no. 43.0 of Special Conditions of Contract.

14) Quality Management System (QMS):

Implementation of Quality Management System shall be governed by clause no. 46.1 of Special Conditions of Contract.

15) Safety, Health and Environmental Management System (SHE):

Implementation of Safety, Health & Environment Management System shall be governed by clause no. 46.2 of Special Conditions of Contract.

16) Clearing Of Work Site:

The contractor shall arrange clearing of work site and associated work as per clause no. 39.0 of Special Conditions of Contract.

17) Contract Agreement:

In terms of clause no. 25.0 of Special Conditions of Contract (SCC), M/s Pragati Electrocom Pvt Ltd. shall enter into a Contract Agreement with 'Chief General Manager/Electrical, Ircon International Ltd, C-4, District Centre, Saket, New Delhi – 110017' within 28 days of issue of this LOA along with project organizational structure, method statement, construction & commissioning schedule, Quality assurance plan and SHE policy as per clause no. 46.0 of Special Conditions of Contract.

This letter will constitute a legal and binding contract between IRCON and M/s Pragati Electrocom Pvt Ltd. till such time the formal contract agreement is signed.

This LOA is a brief of essential conditions of the tender. For details, original tender document and corrigendums thereto may be referred. All terms & conditions shall be as per the tender document & subsequent corrigendums issued.

This Letter of Acceptance is being issued in duplicate. You are requested to return one copy duly signed and stamped in token of your acceptance at the earliest.

For& on behalf of
Ircon International Limited

(Narendra Kumar)
Chief General Manager (Electrical)

Encl: As above

Copy to:

Project Director- SRRP, Ircon International Ltd, Sivok-Rangpo New BG Rail Line Project, Block-C, 2nd floor, P.C. Mittal Bus Terminus, P.O-Sevoke Road, Siliguri-734001 (W.B).

Annexure-A				
Name of Work: Supply, installation, testing and commissioning of Earthing system complete in all respect in TRN/ E&M Niches , Underground Substation (USS) Niches for Tunnel T-1 to T-7 in connection with Sivok (West Bengal) to Rangpo (Sikkim) New B.G. Rail Line Project (Earthing Package:-1)				
LOA no.: IRCON/2046/NFR-SRRP/Earthing-Pkg-01/LOA/ Date: 06.02.2024				
S.No.		Description	Supply Amount (INR)	Installation Amount (INR)
1	Non-SOR	Supply, installation, testing and commissioning of Earthing system complete in all respect in TRN/ E&M Niches , Underground Substation (USS) Niches for Tunnel T-1 to T-7 in connection with Sivok (West Bengal) to Rangpo (Sikkim) New B.G. Rail Line Project (Earthing Package:-1)	2,36,75,590.54	1,48,00,815.39
Total Amount of Earthing			2,36,75,590.54	1,48,00,815.39
		Percentage quoted by M/s Pragati Electrocom Pvt ltd- 13% Below	- 30,77,826.77	- 19,24,106.00
		Gross Amount Excluding GST	2,05,97,763.77	1,28,76,709.39
		Add GST @ 18%	37,07,597.48	23,17,807.69
		Grand Amount of Earthing	2,43,05,361.25	1,51,94,517.08
		Grand Total amount including GST		3,94,99,878.33
			Say	3,94,99,878.00

Name of Work: Supply, installation, testing and commissioning of Earthing system complete in all respect in TRN/ E&M Niches , Underground Substation (USS) Niches for Tunnel T-1 to T-7 in connection with Sivok (West Bengal) to Rangpo (Sikkim) New B.G. Rail Line Project (Earthing Package:-1)

S.No.		DESCRIPTION	UNIT	Qty	Supply Unit Rate (INR)	Installation Rate (INR)	Supply Amount (INR)	Installation Amount (INR)
1	Non-SOR	Supply, Erection and commissioning of the maintenance free earth pit as per manufacturers specifications with 3.0m 50mm dia electrode with outer part of GI pipe, alongwith backfill compound (50 KG) as required to achieve low earth value. Rates are inclusive of rates of pit cover of size 50 cm x 50 cm and RCC Cover as per RDSO Specification No. RDSO/PE/SPEC/PS/0109(REV-0)2008 or Equivalent	Each	170	9696.92	5823.66	1648476.42	990022.20
		Augering/Drilling/breaking for installation of Earthing inside tunnel	Each	170		14241.00		2420970.00
2	Non-SOR	Supply, installation , testing and commissioning of 25 mm dia Cu rod for earth mat (deep as per approved drawing) as per specifications including lap (of not less than 150mm) & cross weld joints and providing bitumen coat at every joint as required. Risers from earth mat to be brought out as per approved drawings and specifications. Rates are inclusive of following:-	mtr	2184	7722.08	2887.37	16865018.04	6306015.36
(i)		50 x6 mm Cu strip risers of length 2.5 m each (28 nos riser in one substation)						
(ii)		Cross type exothermic joint with electrodes in middle (8 nos in one substation)						
(iii)		T- type exothermic joint with riser (28 nos in one substation)						
(iv)		Staight exothermic joints as per requirement at site						
3	Non-SOR	Supply, installation , testing and commissioning of 25 mm dia Cu rod, laying of vertical earth electrodes 3 m deep from earth mat including joints with earth mat including lap (of not less than 150mm) as per approved drawings and specifications. The weld joints to be provided with bitumen coats and hessian tape wrap. Rates are inclusive of following:-	Each	240	19354.07	4546.52	4644976.08	1091164.95
(i)		L-type exothermic joint with electrodes at cornor (8 nos in one substation)						
(ii)		T- type exothermic joint with electrodes at corner (24 nos in one substation)						
(iii)		Augering/Drilling/breaking for installation of Earthing inside tunnel	Each	240		14241.00		3417840.00
4	Non-SOR	Mahindra Scorpio or equivalent with heating/cooling facility with a travel limit of 4000 km/month and Rs. 9/km for extra kms. exceeding monthly limit of 4000Kms.) for site supervision by IRCON / Railway Officers and Staff.	Man-month	4		37152.85		148611.40
5	Non-SOR	Electrical Expert for Quality Management	Man-month	4		74227.87		296911.48
6	Non-SOR	Supply and instllation of PU type water sealant	KG	1000	517.12	129.28	517120.00	129280.00
Sub Total Amount (Rs)							2,36,75,590.54	1,48,00,815.39