



इरकॉन इन्टरनेशनल लिमिटेड

(भारत सरकार का उपक्रम)

IRCON INTERNATIONAL LIMITED

(A Govt. of India Undertaking)
An integrated Engineering and Construction Company



No. IRCON/ELECT/5037-5038/NCRTC/AT02/LT/80

Date: 07.03.2023

M/s Hitachi Energy India Limited,
8th Floor, Brigade Opus, 70/401,
Kodigehalli Main Road,
Bangalore, Karnataka - 560092

Letter of Acceptance

Dear Sir,

(Kind Attn: Mr. Deepak Sareen, Regional Sales Director-North)

Sub: Design, Manufacturing and Supply of Dry Type 33 kV/415V, Auxiliary Transformer including all accessories for the work of Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Package-19 Lot 1 & Lot 2)

- Ref. i) NIT No. IRCON/ELECT/5037-5038/NCRTC/AT02/LT/80, Date: 06/01/2023
iii) Your offer submitted on CPP Portal dated 20.01.2023 for the subject work and opened on 24.01.2021.
iv) Your e-mail dated: 13.02.2023 & 02.03.2023

1. In reference to tender enquiry and your offer referred above, Ircon International Limited is pleased to accept your offer for "Design, Manufacturing and Supply of Dry Type 33 kV/415V, Auxiliary Transformer including all accessories for the work of Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC (Package-19 Lot 1 & Lot 2)" on the following Terms & Conditions.

2. **Total Cost of Work :**

INR 12,89,61,000/- (INR Twelve Crore Eighty Nine Lacs Sixty One Thousand only) inclusive of all applicable taxes and duties except GST on "FIRM" price basis in accordance with tender terms and conditions issued vide ref. (1) above for Design, Manufacturing and Supply of Dry Type 33 kV/415V, Auxiliary Transformer including all accessories. GST shall be paid extra as per applicable rate against GST invoice. Income Tax (TDS), GST TDS or any other Taxes as applicable shall be deducted from the RA Bills. Taxes, Duties & Levies shall be governed in accordance with Clause No. 14 of Special Conditions of Contract (SCC). The detailed Bill of Quantities (BOQ) is Enclosed as Annexure-I.

3. In terms of Clause no. 9 of Special Conditions of Contract, the date of issuance of this Letter of acceptance shall be the date of commencement of work.
4. Delivery Period/ Milestone target: Delivery shall be completed on or before the schedule given below:

Sl.	Stage/ Lot	Quantity	Delivery Schedule
1.	Stage-2 (Lot-2)	14 Nos.	18 weeks from the date of receipt of drawing approval or manufacturing clearance, whichever is later
2.	Stage-3 (Lot-1)	12 Nos.	24 weeks from the date of receipt of drawing approval or manufacturing clearance, whichever is later
3.	Stage-4 (Lot-2)	10 Nos.	30 weeks from the date of receipt of drawing approval or manufacturing clearance, whichever is later
4.		12 Nos.	36 weeks from the date of receipt of drawing approval or manufacturing clearance, whichever is later



पंजीकृत कार्यालय : सी-4, डिस्ट्रिक्ट सेंटर, साकेत, नई दिल्ली - 110017, भारत

Registered. Office : C-4, District Centre, Saket, New Delhi - 110017, INDIA

Tel. : +91-11-29565666 Fax : +91-11-26854000, 26522000 | E-mail : info@ircon.org Web : www.ircon.org

CIN : L45203DL1976GOI008171



5. Payment Terms: Payment against the order shall be made as under:
- 80% payment along with 100% GST will become payable against receipt of materials at the nominated site/store of IRCON on submission of documents as mentioned in Clause 21.4 of SCC.
 - Balance 20% basic PO amount will become payable within 180 days from the date of receipt of material at site.
6. The Defect Liability Period shall be 24 months from the date of commissioning or 30 months from the date of dispatch of material, whichever is earlier.
7. In terms of Clause 23. of Special Conditions of Contract and Clause 8.0 of the General Conditions of Contract, Performance Security for an amount 3% of Contract value i.e. **INR 38,69,000/- (INR Thirty Eight Lakhs Sixty Nine Thousand Only)** shall be submitted to the office of Chief General Manager (Electrical)/ Ircon International Ltd., C-4, District Centre, Saket, New Delhi-17 within 21 days of issuance of this letter.
8. Engineer - AIAI-GC vide WRENCH Document no. NCRTC-DM093-IRC-XX-PT-00082 and NCRTC-DM093-IRC-XX-PT-00323 has communicated the vendor approval of M/s ABB Power Products and Systems India Limited as Approved Vendor for Design, Manufacturing and Supply of Dry Type 33 kV/415V, Auxiliary Transformer subject to following:
- M/s ABB shall submit the detail of the complete design RC Snubber circuit which is to be provided as per clause 6.23 . In addition, all other relevant drawings and data (Calculation of efficiency, losses (at different % of Load), Regulation, Temperature rise, Hot Spot temperature, Noise, Humming / Vibration, etc), detail of major material – like Core, winding, etc shall be furnished.
 - Stage Inspection shall be carried out to expedite and check the material and quality of production of the Transformers.
 - Factory Acceptance Test (FAT) of the Dry Type Transformers shall be witnessed by GC, NCRTC & IRCON.
 - M/s ABB shall submit the Installation and Operation and Maintenance manual of the Transformer.
 - Detailed drawings and MQP of the Transformer shall be submitted by M/s ABB.
 - Manufacturing and Testing shall be as per latest international standards.
 - M/s ABB shall take care of all the required electrical clearances both at MV and LT side of the transformer from the Live part and P – P also.
 - M/s ABB shall ensure that design of transformer should be such that there should not be any chattering / sparking at the Delta link at the MV side, it should be suitably covered with the required insulation sheath.
 - MV and LV terminals should be of enough strength and Insulation class of both MV and LV winding will be informed to GC/ NCRTC before commencement of the procurement and Manufacturing.
 - On Site Testing and commissioning shall be done under the supervision of OEM. OEM shall also certify the test results and declare the transformer fit for charging before commissioning.
 - Colour of cubicle shall be RAL 7032 matching with other panels/equipments.
 - Transformer enclosure should have provision of light (with ON & OFF arrangement) inside the enclosure and should fully cover the Transformer including wheels.
 - Both MV & LV winding should be of Cast Resin Type.

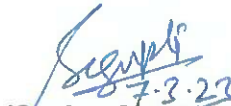


9. This letter will constitute a legal and binding contract between Ircon International Limited and M/s ABB Power Products and Systems India Limited till such time the formal contract agreement is signed.
10. You will enter into and execute the contract agreement within 28 days from the date of issue of this letter with Chief General Manager (Electrical)/Ircon International Ltd., C-4, District Centre, Saket, New Delhi-17. You are requested to arrange the stamp papers of requisite value as per the prevailing laws for signing of the agreement in terms of Clause No. 12.5 of the General Conditions of Contract.
11. You are requested to immediately contact Chief General Manager (Electrical)/Ircon International Ltd., C-4, District Centre, Saket, New Delhi-17 for execution of works under this contract.
12. All terms and conditions shall be as per the Tender Document.
13. This letter is being issued to you in duplicate, one copy of which may please be returned duly stamped and signed as a token of your acceptance at the earliest.

Thanking you,

Yours faithfully

For & on behalf of Ircon International Limited


(Sanjay Gupta)

Chief General Manager / Electrical



Encl.- As above.

Copy to: -

- (i) CGM / Electrical / IRCON, NCRTC Project
- (ii) Manager / Finance / IRCON, NCRTC Project.

Signature Not Verified

Digitally signed by BHARTI

Date: 2023.05.10 17:32:15 IST

Location: eProcurement System for Central PSUs