



इरकॉन इंटरनेशनल 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

No: IRCON/2059/CGRP/e-TENDER/22-23/CERL/BSP-54/13485

Dated: 07.12.2022

To

M/s U. C. Geo Consultancy Pvt. Ltd.,

150, R.K. Banerjee Sarani

P.O : - Mankundu, DIST. - Hooghly,

PIN-712139

Mobile No. - 9433034599

Email Id: ucconsultancy_pranab@rediffmail.com

(Letter of Acceptance)

Sub: Conducting Geotechnical Investigation including drilling of Bore Holes, collecting test samples & Laboratory testing between CH Km 0.00- Km 62.00 in connection with Construction of New BG Electrified Single Rail Line from Dharamjaygarh to Uрга in the state of Chhattisgarh over South East Central Railway. - **Letter of Acceptance**

Ref: i. NIT No: -IRCON/2059/CGRP/e-TENDER/22-23/CERL/BSP-54 Dated: 01.10.2022

ii. Corrigendum: Nil

iii. Technical Bid Opened on 22.10.2022 and financial bid opened on 26.11.2022

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 for sum of **Rs.54,96,473.34/- (Rupees Fifty-Four Lakh Ninety-Six Thousand Four Hundred Seventy-Three rupees and Thirty-Four Paise) including all taxes, duties etc.** 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 8,10,939.00/- (Eight Lakh Ten Thousand Nine Hundred Thirty Nine Rupees only) @ 3% (Three percent) of the contract value plus additional Performance Guarantee (As per clause 8.1 of GCC) from any scheduled bank having validity initially up to 60 days beyond the stipulated date of completion i.e. 06.04.2023 (05.02.2023 + 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 **60 (Sixteen) Days** from the date of issue of letter of acceptance including monsoon period i.e. **up to 05.02.2023.**

2.2 Deployment programme of manpower as per Clause no. 14 of SCC.

3.0 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.

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प्रथम तल, नार्थ एवेन्यू, तखतपुर रोड, उसलापुर
बिलासपुर (छ.ग.) 495001
1st Floor, North Avenue, Takhatpur Road
Uslapur, Bilaspur- 495001 Fax : 07752-261959

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



CIN-L45203DL1976GOI008171

4.0 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.

5.0 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.

6.0 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.

7.0 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.**

8.0 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.

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

9.0 This letter of acceptance, along with your submitted offer, shall constitute a binding contract between **M/s U. C. Geo Consultancy Pvt. Ltd** and **Ircon International Limited**, till a formal agreement is drawn and executed.

10.0 You are requested for registration and updation on Indian Railway Shramik Kalyan portal.

11.0 You are also advised to visit the office of undersigned for relevant form for Labor License for this work (If Applicable).

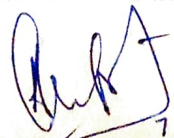
12.0 This letter is being issued in duplicate. You are requested to return one copy of this letter of acceptance duly accepted, signed & stamped on each page by your authorized representative.

13.0 You are requested to commence the work immediately. The entire work shall be completed within a period of **60 Days including monsoon period** from the date of issue of this LOA i. e. **05.02.2023**. Period of the contract will be from 07.12.2022 to 05.02.2023.

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:
AGM/Civil/Korba-II, AGM/Finance, JGM/Civil/P&C

Name of Work: Conducting Geotechnical Investigation including drilling of Bore Holes, collecting test samples & Laboratory testing between CH Km 0.00- Km 62.00 in connection with Construction of New BG Electrified Single Rail Line from Dharamjaygarh to Uрга in the state of Chhattisgarh over South East Central Railway”

ABSTRACT OF BILL OF QUANTITIES

Sl.No	Schedule	Description of Schedule	Estimated cost (Rs)
1	Schedule-A	Conducting Geotechnical Investigation including drilling of Bore Holes, collecting test samples & Laboratory testing between CH Km 0.00- Km 62.00 in connection with Construction of New BG Electrified Single Rail Line from Dharamjaygarh to Uрга in the state of Chhattisgarh over South East Central Railway.	75,42,848.20
Total Estimated Cost (Rs.)			75,42,848.20

Rate Quoted %/Below/Above/At Par :

-27.13% Below

Total Basic Quoted amount :

Rs. 54,96,473.34

(Including GST @ 18%) :

Total Quoted Value :

Rs. 54,96,473.34 (Fifty-Four Lakh Ninety-Six Thousand Four Hundred Seventy-Three rupees and Thirty-Four Paise) **including GST**



(Ankush Gupta)

Project Director/CGRP

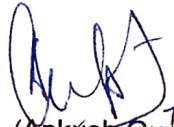
BILL OF QUANTITIES (BOQ) / SCHEDULE

Name of the work: - Conducting Geotechnical Investigation including drilling of Bore Holes, collecting test samples & Laboratory testing between CH Km 0.00- Km62.00 in connection with Construction of New BG Electrified Single Rail Line from Dharamjaygarh to Uрга in the state of Chhattisgarh over South East Central Railway

Item No.	Description of Item	Unit	Quantity	Rate Incl. taxes (Rs)	Amount-Rs. (Incl. taxes)
1	Mobilisation of Boring plants/ machines with all accessories including platform and necessary statging and equipment for stablising plant at site, as per requirement (rate will also include shifting from one place to another place, demobilisation of all these pants/machineries etc. after completion of the works). a) 50% amount shall be released on mobilisation of all equipment for one Boring set machine complete to start the boring, b) balance 50% shall be paid on completion of the works.	Each set of Machine	8	14,005.98	1,12,047.86
2	Exploratory drilling of boreholes down to required depth; drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30cm) including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion/chieselling tool for advancing through occasional seams of hard strata to be employed, where necessary in Dry area including conducting Standard penetration test at every 1.5m interval, collection of disturbed and undisturbed sample at every 1.5m, delivery of sample to the testing of laboratory. Boring shall be carried out up to 30m depth in general or refusal (N>100) whichever is met earlier.	metre	1958	842.22	16,49,066.97
3	Exploratory drilling of Boreholes down to required depth; drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30cm), including refilling, reinstating surface and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chieselling tool for advancing through occasional seams of hard strata to be employed where necessary in River bed area including standing/flowing water upto 2m depth with all necessary arrangements including conducting Standard penetration test at every 1.5m interval, collection of disturbed and undisturbed sample at every 1.5m, delivery of sample to the testing of laboratory. Boring shall be				

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Item No.	Description of Item	Unit	Quantity	Rate Incl. taxes (Rs)	Amount-Rs. (Incl. taxes)
	carried out up to 30m depth in general or refusal (N>100) whichever is met earlier.				
3.1	0m to 10m	metre	254	1,634.03	4,15,044.39
3.2	10m to 20m	metre	78	1,540.66	1,20,171.30
4	Drilling of NX size borehole (75mm dia.) in all types of hard rock(N>100) (fresh rock) and collection of rock core samples from boreholes and preserving in boxes, finding RQD, CR, etc	metre	2177	1,914.15	41,67,105.05
5	Conducting laboratory Tests on collected soil samples as per relevant IS code				
5.1	Moisture Contents, Natural Density, Dry Density, Bulk density, Specific gravity	Each	932	114.85	1,07,036.65
5.2	Atterberg Limit and soil classification	Each	932	91.88	85,629.32
5.3	Grain size analysis including Hydrometer analysis	Each	932	153.13	1,42,712.80
5.4	Direct Shear test, Consolidation test, Unconfined test, Tri-axial Test	Each	932	306.27	2,85,442.03
6	Conducting Laboratory tests on collected ROCK SAMPLES as per relevant IS code				
7	Unconfined Compression Test	Each	759	191.41	1,45,282.66
8	Collecting Samples and Conducting chemical analysis of ground water samples to determine suitability for concreting and aggressiveness in relation to attack on concrete / reinforcement including determination of pH value, Sulphate, chloride and other organic matters	Each	124	306.27	37,977.27
9	Conducting chemical analysis of soil samples to determine aggressiveness in relation to attack on concrete / reinforcement including determination of pH value, Sulphate, chloride and other organic matters	Each	124	306.27	37,977.27
10	Preparation and submission of Final report in 3 sets with photographs and in 3 sets CDs giving complete and comprehensive record of investigations, laboratory test reports and calculations and type of foundation in approved format as per standard engineering practice	Each Bridge/Each location	124	1,914.15	2,37,354.63
	Total including Taxes				75,42,848.20


 (Ankush Gupta)
 Project Director/CGRP

(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 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 undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein, in the first letter of invocation.

We hereby waive the necessity of your demanding the said debt 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/Bilaspur (Indicate detail address of branch with Code No.)*. The branch at New Delhi/NCR/Bilaspur 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/Bilaspur 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. **Contract 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)

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

Witness:

1.

2.

(Name, Designation and address of the authorised signatory)

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

Witness:

1.

2.

Ag
7/10/22

Signature Not Verified

Digitally signed by TRIPATI
MAHESHWARI
Date: 2022.12.09 16:23:53 IST
Location: eProcurement System for
Central PSUs