



इरकॉन इन्टरनेशनल लिमिटेड
(भारत सरकार का उपक्रम)
IRCON INTERNATIONAL LIMITED
(A Govt. of India Undertaking)
An integrated Engineering and Construction Company



सोन भवन (प्रथम तल), दारोगा प्रसाद राय पथ, पटना - 800 001, फोन : 0612-2506446, फैक्स : 0612-2506888
Sone Bhawan (First Floor), Daroga Prasad Rai Path, Patna - 800 001, Phone : 0612-2506446, Fax : 0612-2506888

No: IRCON/ ELECT/2068/HB/ELECT/GEN-SERVICE/LTD/2/2022/1171 **Dated:** 27.08.2022

To,

M/s. Vishal Construction,
Meera Sadan, Ramjeevan Chowk,
Hajipur, Vaishali (Bihar)

DUPLICATE

LETTER OF ACCEPTANCE

Sub : Work of Cable laying at Chaksikandar & Desari Railway Station for Colour Light Signalling Power Supply System including installation of Auto Change over Power Panel as per RDSO approved Design and shifting of 11 KV OH Line near LC 41 at Chaksikandar in connection with HJP-BCA Doubling Project.

Ref : I. Limited e-procurement Notice No IRCON/ELECT/2068/HB/ELECT/GEN-SERVICE/LTD/2/2022 dated. 05.08.2022.

II. Your offer letter No. dated. 08.2022

Dear Sir,

With reference to the above, this is to inform you that your offer for the subject work, has been accepted at a total contract value of Rs. 39,51,130.00/- (Rupees Thirty-Nine Lakh Fifty One Thousand One Hundred Thirty only), inclusive of all taxes, duties and any other levy in respect of project and on the following terms and conditions:

1.0 SCOPE OF WORK:

The scope of work in the subject tender covers" _ Work of Cable laying at Chaksikandar & Desari Railway Station for Colour Light Signalling Power Supply System including installation of Auto Change over Power Panel as per RDSO approved Design and shifting of 11 KV OH Line near LC 41 at Chaksikandar in connection with HJP-BCA Doubling Project.

The detailed scope of work shall be as per BOQ Schedule Sr.No. 1 to 28 of the tender documents:

Received
Sanyu Nasolay
27.08/2022

Sanyu Nasolay

पंजिकृत कार्यालय : सी-4, डिस्ट्रीक्ट सेन्टर, साकेत, नई दिल्ली . 110017, भारत

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

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

CIN : L45203DL1976GO1008171



BILL OF QUANTITY

Sr.No.	Details of Works	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Supply and Delivery of XLPE Insulated Heavy Duty 2 core, 70 Sq. mm, 1100 v grade, XLPE insulated, armoured, aluminium cable as per IS 1554 (part-1),(Make:Gloster/Crystal/Polycab/Havells or similar ISI marked.	Mtr.	2080	587.34	1221667.20
2.	Supply and Delivery of XLPE Insulated Heavy Duty 2 core 35 Sq.mm, 1100 v grade, XLPE insulated, armoured, aluminium cable as per IS 1554 (part -1), (Make Gloster/Crystal/Polycab/Havells or similar ISI marked.	Mtr.	490	355.3	174097.00
3.	Supply and Delivery of XLPE Insulated Heavy Duty 4 core 50 Sq.mm, 1100 v grade, XLPE insulated, armoured, aluminium cable as per IS 1554 (part -1), (Make Gloster/Crystal/Polycab/Havells or similar ISI marked.	Mtr.	460	778.59	358151.4
4.	Supply and delivery of XLPE Insulated Heavy Duty 2 core, 25 Sq. mm, 110 v grade, XLPE insulated, armoured, copper cable as per IS 1554 (part -1), (Make Gloster/Crystal/Polycab/ Havells or similar ISI marked and CEEs approved make)	Mtr.	20	1175.60	23512.00
5.	Supply and fixing of LT Cable route marker on appropriate route of Cable laying.	Nos.	50	271.21	13560.5
6.	Supply, delivery and laying of G.I. pipe 50 mm die for laying the cable along the Rail post, track, crossing etc.	Mtr.	144	559.33	80543.52
7.	Laying of cable partly through trench at a depth of 1m and filling with sand, brick work (16 nos. of bricks per meter run) or under the road by laying of G.I. pipe at depth of not less than 1m or either in existing masonry trench or on cable tray or fixed on wall/post with suitable MS flat 35x6mm clamp and saddle including	Mtr.	3030	295.00	893850.00

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	supplying and fixing suitable end termination with cable gland and aluminium lugs wherever required as per instruction of engineer -in-Charge, and refilling with earth etc. complete as required.				
8.	Cable laying by HDD Method for track /drain/Road crossing.	Mtrs.	55	940.00	51700.00
9.	Supply, Fixing, Connection, Testing and commissioning of DP MCB 63 Amp 230 volt with box Make Legrand/Havells /HPL or similar.	No.	06	1910.00	11460.00
10.	Supply & Erection of earthing station as per CEE/CCC s specification with G.I. earth electrode pipe B class TATA/JINDAL make of size 50 mm die x3 Mtrs. long and provided with alternative layer of charcoal and salt in the earth pit around GI pipe with suitable clamping arrangement including supply and connection or 6 SWG GI wire from earth pit to main board/panel board etc. along with masonry work encasing the pit	No.	09	2395.33	21557.97
11.	Fabrication, supply, fixing and commissioning of cable terminal board fully enclosed in MS sheet of 16 SWG thickness all enclosed with painted, dust and vermin proof water entry protected, laying provision of 3/2 entry with rubber bushing for incoming cable of all sizes of 4 core 70 Sq. mm power cable with 200amp galvanised copper bus bar and 63amp 2 no KitKat fuse grip etc.	No.	08	2046.00	16368.00
12.	Supply, fixing, connection, testing and commissioning of Automatic changeover control panel for colour light signalling power supply from three supply sources AT- 1 , AT – 2 and Local Supply with Manual by passing switching facility, indicating lamps and all other accessories as per RDSO approved drawing. It must be having adequate size of cable terminal jointing facility of 2X 70 sq mm XLPE armoured aluminium cable 1100-volt grade with proper protection from short circuit with	Nos.	03	79594.25	238782.75

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	other supply sources on its income connector panel make: Set on site, Suntron, Japs.				
13.	Supply & erection of 11KV pin insulator complete with large steel head GI pin with galvanised stand clamps, bolts, nuts, washers etc. as required	Nos.	6	246.00	1476.00
14.	Supply & Erection of 11 kV disc insulators for 11kV overhead line with galvanised insulators fittings ball & socket type & complete with galvanised stain clamp, bolts, nuts & washer etc. as required.	Nos.	6	411.5	2469.00
15.	M.S nuts & Bolts including cost of materials and labour charges.	Kg	5	129.15	645.75
16.	Coordination/lassoing and chasing with state utility company for availing of new electrical connection /augmentation of sanctioned load at station, level crossings etc. Including applying for load, collection of estimates for load, modification of power line crossings, arranging payment from IRCON, depositing payments to state utility company, arranging release of load and other related works. Payment to be made to SEB for new connection, load augmentation, modification of power line crossing etc. shall be made by IRCON.	Each site	01	8172.29	8172.29
17.	Supply and erection of GI Stay set 3X4 inch & 6-inch-long complete with 300X300X6 mm size plate and stay wire 7/10swg with stay insulator.	Set	02	2592.00	5184.00
18.	Supply & Erection of ACSR DOG Conductors (6/4.72+7/1.59) rates are inclusive of materials &labour charges.	Km.	0.15	76260.21	11439.03
19.	Supply, Fixing, Testing and commissioning of Aluminium PG Clamp 100-150 sq.mm. size.	Nos.	06	88.7	532.2
20.	Supply of Rail Pole (52Kg/meter), 13 mtr long.	Nos.	01	53112.41	53112.41

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21.	Carrying of the Rail post 42/36/30/20 ft long from nearest site of store to erection site with loading and unloading.	Nos.	01	237.9	237.9
22.	Erection and casting of foundation for Rail/Tubular pole/GI mast with earth excavation with PCC 1:3:6 ratio (cement, sand, ballast etc).	Nos.	01	3883.74	3883.74
23.	Muffing of foundation of Rail post of (0.45x0.45x1) mtrs with cement, concrete mixture etc in ratio of 1:3:6.	Nos.	01	349.6	349.6
24.	Supply and delivery of 8 SWG GI wire for guarding and lacing at site.	Kg.	40	90.54	3621.6
25.	Drawing of guard wire and lacing wire including stretching, tensioning and stringing, lacing with 8SWG GI wire at least 5 Nos. in each span complete as required.	Km.	0.2	4386.4	8772.8
26.	Supply, fixing of plain bracket /V Bracket, cross bracing and various type of the clamps of M.S channel iron 75mmx40mmx7.14 kg per meter cross arm for or MS angle (65mmx65mmx6mm)four wire overhead line complete with clamps,bolts and nuts etc. including drilling of holes for insulators pins,bolts and nuts etc. and painting with primer and finish paint as required.. The rate includes transportation of material to site for 11kv line including cost of all materials and labour, complete with two coats of red oxide before erection., and two coats of aluminium paint	Kg.	50	97.77	4888.5
27.	Cutting of Rail Post including dismantaling of bracket ,insulators etc.	Nos.	01	721.6	721.6
28.	Dismantling of OH HT Line	Span	6	449.00	2694.00
Total Rs.					3213450.76
Quoted Rate 4.2% Above					33,48,415.69
GST @18%					6,02,714.82

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2.0 CONTRACT AGREEMENT

The Contractor shall enter into and execute the Contract Agreement in the form of agreement **(Annexure-IX of SCC)** within **28 days** from the date of issue of Letter of Acceptance. The stamp papers of the requisite value as per the prevailing laws shall be provided by the contractor at his own cost agreement shall be retained by the Employer/Engineer and a certified copy shall be made available to the Contractor.

3.0 COMMENCEMENT OF CONTRACT:

Date of issue of Letter of Acceptance (LOA) shall be considered as the commencement date of contract as per SCC Clause no.21

4.0 PERFORMANCE SECURITY:

The Contractor shall submit a performance Guarantee (P.G) in the form of irrevocable bank guarantee on the Performa annexed as Annexure-X of SCC from any scheduled Bank for an amount of 3% (Three percent) of the contract value i.e., Rs. 1,19,000/- within 21 days from the date of issue of LOA. The performance security and Retention money shall be in line with clause-13 of SCC.

5.0 COMPLETION PERIOD AND MILESTONE:

The work is required to be completed within 01 M from the date of issue of Letter of Acceptance (LOA) in case of any delay in the completion of work, the extension of the same shall be dealt as per clause 17A & B of General Conditions of the Contract. The completion period and milestone for completion of work shall be as per clause 22 of SCC.

6.0 LIQUIDATED DAMAGES:

The Liquidated damage shall be applicable as per clause 44 of SCC.

7.0 TAXES, DUTIES & LEVIES:

Taxes, duties & levies shall be applicable as per clause 45 of SCC.

8.0 PAYMENT TERMS: (SCC Clause-47)

9.0. INSURANCE

The insurance policy shall be obtained & submitted by the contractor in line with Clause 14 of SCC.

10.0 QUANTITY VARIATION:

Quantity variation will not be applicable.



11.0 DEFECT LIABILITY PERIOD: (SCC clause 51)

The defect liability period shall be for a period of 12 months from the date of issue of provisional acceptance certificate.

12.0 The aforesaid offer is based on your acceptance to all conditions of the above tender without any deviations.

13.0 All other terms and conditions shall be as per tender documents and corrigendum's which is an integral part of this contract and shall be binding on you.

14.0 This letter will constitute a legal and binding contract agreement is signed.

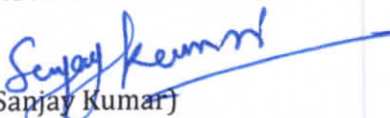
15.0 The letter of acceptance (LOA) is being issued to you in Marked "ORIGINAL" & "DUPLICATE" with an advice to return the "DUPLICATE" duly signed and stamped as a token of your acceptance.

16.0 For further instruction, please contact to the office of undersigned at Sone Bhawan, Patna.

Yours faithfully

For & on behalf of

IRCON INTERNATIONAL LTD



(Sanjay Kumar)

Chief General Manager (Elect)

Copy to: (1) GM/Finance, IRCON Patna.

(2) JGM/Electrical, IRCON Patna