



इरकॉन इंटरनेशनल 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

LOA No.: IRCON/2067/ELECT-GEN/ST/1/2023/385

Date.: 22.03.2023

Letter of Acceptance

To,
M/s M & R Construction,
Opposite- Rajshree Vastralaya,
New Market, Patna – 800001

ORIGINAL

Kind Attn.: Shri Manish Kumar

Sub: Provision of underground HT cable in place of HT overhead Aluminium conductor and shifting of 03 no's power distribution transformer 11/415 kV near LC-35 at Nawadah in connection with Kiul-Gaya Doubling Project in Danapur Division of East Central Railway.

Ref: (i) Tender No. IRCON/2067/ELECT-GEN/ST/1/2023 Dated 07.03.2023
(ii) Your Online offer regarding above tender (Bid ID 535905 Dated 16.03.2023)

Dear Sir,

In reference to the above, we are pleased to inform you that Ircon International Limited have accepted your negotiated offer at **4.50% above** the Bill of Quantity for the subject work at a total value of ₹ 78,18,713.00/- (Rupees Seventy-Eight Lakh Eighteen Thousand Seven Hundred Thirteen Only) including GST @ 18% and all other tax and duties. Hence, you are requested to execute the work as per the BOQ attached at **Annexure "A"** with following terms and conditions:

1. SCOPE OF WORK:

The scope of work in the subject tender covers "Provision of underground HT cable in place of HT overhead Aluminium conductor and shifting of 03 no's power distribution transformer 11/415 kV near LC-35 at Nawadah in connection with Kiul-Gaya Doubling Project in Danapur Division of East Central Railway." (Refer SCC Clause No. 5.0)

2. COMPLETION PERIOD:

The work is required to be completed within 1(One) month from the date of issue of the Letter of Acceptance (LOA). (Refer SCC Clause No. 17.0)

3. DEFECT LIABILITY PERIOD:

Defect Liability Period (DLP) will be 12 (Twelve) months from the date of issue of completion certificate by the Engineer. (Refer SCC Clause No. 18.0)

4. INSURANCE:

You are requested to submit insurance policies as per Clause No. 19.0 of SCC.

पंजीकृत कार्यालय : सी-4, डिस्ट्रिक्ट सेन्टर, साकेत, नई दिल्ली - 110017 (INDIA)

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



5. CONTRACT AGREEMENT:

As per para 22.0 of SCC, the Contract Agreement shall be signed between the Contractor and IRCON INTERNATIONAL LIMITED within 28 days from the date of issue of LOA.

The contractor shall submit a non-judicial Stamp Paper of ₹ 1,000.00 and attend the office of Chief General Manager/Electrical/IRCON, Patna for signing of Contract Agreement.

6. PERFORMANCE SECURITY:

The contractor shall submit a Performance Guarantee in the form of irrevocable Bank Guarantee (BG) on the proforma annexed as Annexure -IX of SCC from any scheduled bank for an amount of 3% (Three percent) of the contract value i.e., ₹ 2,34,561.00 within 21 days from the issue of LOA. The performance security will be in line of Clause No. 23.0 of SCC.

7. RETENTION MONEY/SECURITY DEPOSIT:

Security Deposit shall be deducted @ 10% from the bill maximum upto 5% of contract value and will be released after satisfactory completion of defect liability period of 12 (Twelve) months. (Refer SCC Clause No. 24.0)

8. All other terms and conditions shall be as per the Tender Document accepted by you, which shall form an integral part of this contract and shall be binding on you.

9. This letter will constitute a legal and binding contract **between IRCON INTERNATIONAL LIMITED and M/s M & R Construction, Opposite- Rajshree Vastralaya, New Market, Patna-1** till completion of defect liability period.

10. You are requested to contact Sh. Rabikant Mandal, Manager/Electrical, Ircon International Limited for carrying out this work.

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

D.A.: Bill of Quantities as Annexure-A (03 no's of pages)

Thanking you.

For and on the behalf of,
IRCON INTERNATIONAL LIMITED


(Sanjay Kumar)
Chief General Manager/Electrical

Copy To:

1. AGM/Finance – For kind information and record please
2. Manager/Electrical/KG – For kind information please
3. Manager/Electrical/Patna – For kind information please

ABSTRACT OF COST					
Tender No.		IRCON/2067/ELECT-GEN/ST/1/2023 dated 07.03.2023			
Name of Work		Provision of underground HT cable in place of HT overhead Aluminium conductor and shifting of 03 no's power distribution transformer 11/.415 kV near LC-35 at Nawadah in connection with Kiul-Gaya Doubling Project in Danapur Division of East Central Railway.			
Name of Firm		M/s M & R Construction Opposite – Rajshree Vastralaya New Market, Patna-1			
S.N.	Description	Estimated Cost (In ₹)	Quoted Rates		
			"Excess" or "Less" or "At Par"	% in Figures	Total Quoted Cost (in ₹)
1	Provision of underground HT cable in place of HT overhead Aluminium conductor and shifting of 03 no's power distribution transformer 11/.415 kV near LC-35 at Nawadah in connection with Kiul-Gaya Doubling Project in Danapur Division of East Central Railway	74,82,022.00	Excess	5.00	78,56,123.10
2	Rebate	-	-	0.50	
3	Grand Total after rebate	-	-	-	78,18,713.00
Grand Total (in words) : Rupees Seventy-Eight Lakh Eighteen Thousand Seven Hundred Thirteen Only					



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Name of Work: Provision of underground HT cable in place of HT overhead Aluminum conductor and shifting of 03 no's power distribution transformer 11/415 kV near LC-35 at Nawadah in connection with Kiul-Gaya Doubling Project of in Danapur Division of East Central Railway.

Item No.	Description of Item	Unit	Quantity	Basic Rate in ₹	Amount in ₹
(A)	(B)	(C)	(D)	(E)	(F)
1	Supply & Delivery of PCC Pole Type 400 kg 9.9 mtrs. long	No's	8	7163.40	57307.20
2	Erection of PSC Pole by means of cement, concrete (Excavation, Foundation and mufing etc) in the ratio of 1:3:6 including cost of all materials and labour charges and casting of foundation for Rail/Tubular pole/GI mast with earth excavation with PCC 1:3:6 ratio (cement, sand, ballast etc)	No's	17	3957.13	67271.21
3	Supply and delivery of XLPE Insulated Heavy 3 core, 300 sqmm, 11000 Volt grades, armoured, aluminium cable as per IS 1554 (part -1), (Make Gloster/Crystal/Polycab/Havells or similar ISI marked)	Mtrs.	1200	2164.20	2597040.00
4	Laying 1 No. PVC insulated and PVC sheathed XPLE power cable of grade existing 120 sq. mm but not exceeding 400 sq.mm direct on ground including excavation of trench of depth 1.2 meter and width of 0.6-meter sand cushioning preventive covering by brick (16 bricks per meter of laying), unrolling of cable from the drum and refilling the trench etc as required. the rate inclusive excavation of trench in hard rock, road crust, concrete floor etc. not exceeding 1.5-meter width and lift up to 1.5 meter including getting out the excavation soil as directed within a lead of 50 meter	Mtrs.	200	409.10	81820.00
5	Laying of HT cable through HDD method	Mtrs.	1000	937.20	937200.00
6	Supply, delivery Laying of "B" Class GI. pipe 150 mm dia for laying the cable along the rail post, track, crossing etc	Mtrs.	60	1485.50	89130.00
7	Supply & laying of 160 mm HDPE Pipe. Rate included with all material & labour charge	Mtrs.	1000	1039.04	1039040.00
8	Supply of heat shrinkable type outdoor kit for 11 kV 300/400 sqmm 3 core cable end terminal jointing kit. Make: Denson /Raychem/ 3-M /Johnson & Johnson or similar	No's	18	17081.40	307465.20
9	Erection, Testing and Commissioning of outdoor type 11 kV 300/400 sqmm cable end terminal jointing kit heat shrinkable type. Rates are included the cost of other materials and labour charges.	No's	18	3288.00	59184.00
10	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 SEB for new connection, load augmentation, modification of power line crossing etc. shall be made by IRCON.	Job	1	8283.30	8283.30
11	Supply & erection of 11 kV pin insulator complete with large steel head GI pin with galvanised stand clamps, bolts, nuts, washers etc. as required	No's	27	348.00	9396.00
12	Supply & Erection of 11 kV disc insulators for 11 kV overhead line with galvanised insulators fittings ball & socket type & complete with galvanised stain clamp, bolts, nuts & washer etc. as required	No's	18	731.93	13174.74
13	M.S nuts & bolts including cost of materials and labour charges	kg	35	135.00	4725
14	Supply & Erection of ACSR DOG Conductors (6/4.72+7/1.59) rates are inclusive of materials & labour charges	km	0.20	79409.79	15881.96



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Item No.	Description of Item	Unit	Quantity	Basic Rate in ₹	Amount in ₹
(A)	(B)	(C)	(D)	(E)	(F)
15	Supply ,Fabrication and fixing of MS Chanel/Angle of the required size including fastner .	kg	1500	101.67	152505.00
16	Cutting of Rail Post including dismantling of bracket, insulators etc.	No's	16	781.52	12504.32
17	Dismantling of overhead HT line	Span	16	472.89	7566.24
18	Supply and erection of ACSR conductor (7/3.35 mm Rabbit) at site, rates are inclusive of material and labour charges etc.	km	0.3	50762.34	15228.702
19	Supply, Fixing, Testing and Commissioning of Aluminium PG Clamp 100-150 sqmm size	No's	12	95.40	1144.80
20	Supply & fixing of MS galvanized anchor rod of size 3"x4" dia. & 8' long complete with anchor plate (300x30x10mm including foundation with PCC 1:3:6 along with supply & fixing of stay wire 7/10 SWG stay insulator, clamp made of MS flat 65mm x6mm and suitable fasteners, turning screw on both sides including tensioning of guy set	No's	14	3486.02	48804.28
21	Supply, installation, testing and commissioning of 11KV lightening arrester on top of the post with suitable channel including separate earthing arrangement by 2x15mm dia. medium gauge GI pipe TATA/JINDAL/BANSAL 3 mtrs. long as per the standard specification as 4 SWG GI wire from earthing station to LA (each set containing 3 No. of LA)	No's	3	8088.85	24266.55
22	Supply, fixing, connection, testing and commissioning of GOS of 11KV, 3 pole, 400A with locking arrangement and all other accessories including channel and hardware materials for fixing of GOS, make ADCO/DHEL or similar approve make	No's	3	25347.56	76042.68
23	Supply, fixing, connection, testing and commissioning of drop out fuse complete with all accessories of required size	No's	3	6299.50	18898.50
24	Supply and erection of earthing station as per standard specification with GI pipe B class make TATA/JINDAL/BANSAL or ISI marked of size 50mm dia x 3 mtrs long and provided with alternate layer of charcoal and salt in the earth pit around GI pipe with suitable clamping arrangement including supply and connection with 6 SWG GI wire from earth pipe to transformer site as per requirement	No's	20	2433.40	48668.00
25	Supply of 11 kV 400 sqmm 3 Core heat shrinkable type Straight Through Cable Jointing Kit Make Gloster, Densons, 3-M	No's	2	32705.55	65411.10
26	Installation of transformer including HT/LT Cable connection, earthing connection, commissioning and load testing etc.	No's	3	5988.00	17964.00
27	Disconnection & dismantling of old Distribution Transformer 11 kv/415-volt outdoor type and shifted to nearest secure site.	No's	3	12686.85	38060.55
28	Supply & fixing of LT Pin/Shackle insulators with hardware materials.	No's	30	32.50	975.00
29	Transportation of Release materials Rail Pole/Bracket, ACSR /Cable from Site to local SBPDCL/Rail Store Depot) including cost of loading/unloading works etc.	kg	5000	5.53	27650.00
30	Supply of Rail Pole (52 kg/m), 13 mtr long	No's	9	55343.10	498087.90
Total Estimated Cost without GST =					6340696.23
Negotiated Rate 4.5% above =					6626027.56
GST @ 18% =					1192684.961
Total Estimated Cost with GST =					7818713.00



Signature Not Verified

Digitally signed by SHASHI KANT
Date: 2023.04.29 18:02:21 IST
Location: eProcurement System for Central PSUs