



भारतीय विमानपत्तन प्राधिकरण
(मिनी रत्न – श्रेणी-1सार्वजनिक क्षेत्र का उद्यम)
Airports Authority of India
(A Miniratna- Category-I Public Sector Enterprise)

Ref: AAI/BZ/ENGG (E)/JGM/ GLF WORK/VO-19/2020-21/ 320

Dated: 22.02.2021

To
M/s. Techno Electricals,
2/65 Uday Park Society,
Refinery Road, Gorwa,
Vadodara – 390 016.

Name of Work: - Replacement of GLF cables for runway circuit at Vijayawada Airport.

Ref: Your Price Bid (**Tender ID No.2021_AAI_66002_1**) opened through cpp portal on 04/02/2021.

Dear Sir,

1. Your tender for the above mentioned work is hereby accepted on behalf of the Chairman, AAI at the item rates quoted by you, for an amount of Rs. **42,86,287.00**(Rupees Forty Two Lakhs Eighty Six Thousand Two Hundred and Eighty Seven Only) **Excluding GST** which is **10.96% Below** the Estimated Cost of **Rs.48,14,134.00** (Rupees Forty Eight Lakhs Fourteen Thousand One Hundred and Thirty Four only).
2. The Joint General Manager [Engg-E], Airports Authority of India, Vijayawada Airport, Vijayawada-521 102 is the Engineer-In-Charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to the office of the Asst. General Manager [Engg-E] AAI, Vijayawada Airport by **08/03/2021** to sign and complete the agreement. The contract agreement shall be executed on a Non-Judicial stamp paper **Andhra Pradesh** of value Rs. 100/- and the cost of the stamp paper shall be borne by you.
3. **Rs. 4,28,629.00** (Rupees Four Lakhs Twenty Eight Thousand Six Hundred and Twenty Nine Only) towards Security Deposit may deposited within 15 days from the date of issue of this letter, failing which the same will be deducted from your bill as per Clause No.1A of GCC.
4. You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules, 1971, Minimum Wages Act 1948, Employees Provident Fund & Misc. Provisions Act 1952, ESI Act 1948 and Rules thereof Central/ State Governments.

(Contd....2/-



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5. You are also directed to contact the Asst. General Manager [Engg-E], AAI, and Vijayawada Airport immediately who will arrange to handover the site to you. Please note that the time allowed for completion of the work is **(04) Four Months** i.e. with effect from **04/03/2021 to 03/07/2021**.
6. Your offer for this work shall form part of the agreement along with this award letter and all the technical particulars, undertaking uploaded in the folder. All other terms & conditions shall be as per NIT.
7. Any further correspondence in connection with the contract should normally be addressed to The Jt. G.M. Engg (E), AAI, Vijayawada Airport, Vijayawada - 521 102.
8. Airports Authority of India, Vijayawada Airport(A.P) **GST No: 37AAACA6412D1Z7** shall be included in all invoices generated by the Agency.
9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of your acceptance.

Thanking you,

Yours faithfully

(P. V. Rama Rao)
Jt. General Manager [Engg-E]
AAI, Vijayawada Airport

Encls: (Schedule of Quantities) Pages - 03

Schedule of Quantities

NAME OF WORK : Replacement of GLF cables for runway circuit at Vijayawada Airport					
S.No.	DESCRIPTION	UNIT	QTY	Rate	AMOUNT
1	Supply of follwing size 5 KV Grade stranded Copper Conductor single core PVC insulated, PVC sheathed, unshielded, anti-termite and rodent treated, Airfield lighting cable generally confirming to IS 1554- Part-II 1981 with up to date amendments and as specified in particular specifications of the following sizes as required. a)1 Core X 16 Sq mm.	Mtrs	6000	165.00	990000.00
2	Supply of follwing size 5 KV Grade stranded Copper Conductor single core PVC insulated, PVC sheathed, unshielded, anti-termite and rodent treated, Airfield lighting cable generally confirming to IS 1554- Part-II 1981 with up to date amendments and as specified in particular specifications of the following sizes as required. a)2 Core X 16Sq mm.	Mtrs	1500	325.00	487500.00
3	Supply of follwing size 5 KV Grade stranded Copper Conductor single core PVC insulated, PVC sheathed, unshielded, anti-termite and rodent treated, Airfield lighting cable generally confirming to IS 1554- Part-II 1981 with up to date amendments and as specified in particular specifications of the following sizes as required. a)2 Core X 6Sq mm.	Mtrs	1000	200.00	200000.00
4	Supply of follwing size 5 KV Grade stranded Copper Conductor single core PVC insulated, PVC sheathed, unshielded, anti-termite and rodent treated, Airfield lighting cable generally confirming to IS 1554- Part-II 1981 with up to date amendments and as specified in particular specifications of the following sizes as required. a)1Core X 6Sq mm.	Mtrs	1000	75.00	75000.00
5	Supply of follwing size Grade flexible unshielded secondary lead cable conforming to IS-9968 Part-I, 1988 with multistranded annealed tinned Copper Conductor, EPR insulated, PCP/TPE sheathed/volcanised rubber compound with inner field suitable for operating on 600Volts. a)2 Core X 4Sqmm.	Mtrs	500	135.00	67500.00
6	Supply of Two pin Secondary Leads(plug asswmbles) for AFL System of 0.3Mtr etc. as required.	Nos.	50	500.00	25000.00
7	Supply of gaskets for CI Box(330mm) outer dia with 6Nos. M10 tapped holes etc. as required.	Nos.	100	100.00	10000.00
8	Supply of CI Transformer Housing Box , round shape of outside dia 330mm height 450mm made of 10mm thick all round except on top surface which is 15mm thick having a clear opening of 220mm at the top surface and 6 Nos. M10 tapped holes at the hole centre of 260mm to receive light fittings base plate and bolts. The box shall have a clear hole at one side surface, centre at 75mm above bottom surface and suitable to receive 50mm dia B class GI pipe and check nuts and also have a clear hole on the same side , centre at 100mm above between two hole centre and suitable to receive 15mm dia B class G.I pipes and check nuts. The box shall have two earth bolts of M 10 X30mm inside near the hole(100mm above bottom surface) and a drain hole at the bottom suitably tapped to receive 1/2" dia., B class GI pipe as per drawing as required. (Double Hole).	Nos.	10	5000.00	50000.00

S.No.	DESCRIPTION	UNIT	QTY	Rate	AMOUNT
9	Supply of Isolating Transformers of following rating of 5 KV Grade 50 Hz Series Type, encapsulated and finally moulded with TPR (Thermo Plastic Rubber) Type Rubber moulded in injection moulding with primary and secondary connections complete as required. A) 200Watt 20A/6.6A for Runway.	Nos.	20	4500.00	90000.00
10	Supply of Isolating Transformers of following rating of 5 KV Grade 50 Hz Series Type, encapsulated and finally moulded with TPR (Thermo Plastic Rubber) Type Rubber moulded in injection moulding with primary and secondary connections complete as required. A) 200Watt 6.6A/6.6A for Runway.	Nos.	20	4500.00	90000.00
11	Supply of 5 KV Grade Plug and Receptacle of Type I class "B" Connector suitable for field attachment with 5 KV Grade PVC insulated PVC sheathed of Single Core Copper Conductor Cable of following size conforming to the relevant IS specification etc. complete as required A) 1 x 16 Sq mm.	Nos.	200	475.00	95000.00
12	Supply of 5 KV Grade Plug and Receptacle of Type I class "B" Connector suitable for field attachment with 5 KV Grade PVC insulated PVC sheathed of Single Core Copper Conductor Cable of following size conforming to the relevant IS specification etc. complete as required A) 1 x 6 Sq mm.	Nos.	100	475.00	47500.00
13	Dismantelling and Reinstallation, Testing and Commissioning of elevated type Medium/High Intensity Runway/Taxiway/ Approach/ Threshold light fixtures on the existing Transformer Housing box including making the connections of Isolating Transformer, Light fixtures and other accessories including alignment, and earth connection etc as required.	Job	80	225.00	18000.00
14	Installation of 1 No. CI transformer housing boxes on cement concrete foundation including excavation, providing 200mm thick 1:3:6 base concrete (1 cement : 3 coarse sand : 6 graded store aggregate 20mm nominal size) size 830mm x 830mm, providing 1:2:4 all round concrete of size 630mm L, 630mm B, 400mm H; top surface slopped to match transformer housing box top, providing 1 No. 5mm thick circular cover plate for housing boxes, painting the cover plate with one coat of premier and two coats of synthetic enamel paint, providing 1 No. 300 mm long 15mm dia B class GI pipe for drain, refilling disposing off surplus earth etc. complete as required	Job	10	2750.00	27500.00
15	Making field connections by crimping the following plug and receptacle with existing core copper conductor PVC insulated and PVC sheathed cable including filling the gap with water sealer material applying HT tape over PVC tape etc as required. A) 6 & 16 Sqmm.	Job	300	80.00	24000.00
16	laying of HDPE/DWC pipe of 40/50/63mm Dia Pipe direct in ground at a depth of 0.75m below the ground level i/c excavation and refilling the trench but excluding sand cushioning and protective covering etc. as required.	Mtr	6000	100.00	600000.00
17	Supply of HDPE pipe of 50mm Dia. of PE 63 PN 4 ISI Marked along with all accessories like couplers, socket, bend etc. conforming to IS 4984:2016 complete as required.	Mtr	4000	75.00	300000.00

S.No.	DESCRIPTION	UNIT	QTY	Rate	AMOUNT
18	Laying of one number pvc insulated and pvc sheathed XLPE power cable of 5KV Grade Airfield Lighting Cable of size not exceeding 25 sq.mm in the existing RCC/ HUME/ STONEWARE/ METAL/DWC pipe as required.	Mtr	6000	20.00	120000.00
19	Making 50mm hole in the Existing CI Box/Collar for 50mm dia pipe and 25mm dia hole for the earth wire, fixing of bolts for the G.I wire and providing & Fixing checknuts as required.	Nos.	80	250.00	20000.00
20	Providing and Laying of 50 mm 'B' class GI Pipe in Runway shoulder. Job Involve kerf cutting of 4"x8" and refilling the same with cement concreting complete with threading and alignment of pipe with transformer housing box as required.	Mtr	480	950.00	456000.00
21	Providing and Laying of 25 mm 'B' class GI Pipe in Exstining trench complete with threading and alignment of pipe with Transformer Housing Box providing checknuts as required.	Mtr	480	200.00	96000.00
22	SITC of maintenance free earthing system set consisting of one Galvanizd Pipe in pipe earthing electrode of Outer dia 48-50mm and inner dia. 25mm, 3Mtr. In Length along with two bags(25kg) of ground Enhancement Material(GEM) with one set of H clamp and Earth pit chamber.	Set	23	5969.00	137287.00
23	Providing, laying and fixing of 50mm dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (20 cm deep) and re-filling etc as required	Mtr	100	600.00	60000.00
24	Providing and Laying Earth connections from earth electrode with 6 SWG G.I. Wire in existing 15mm dia class 'B' G.I. Pipe from earth electrode as required.	Mtr	500	200.00	100000.00
25	Providing and fixing 6 SWG dia G.I. wire on existing HDPE Pipe for loop earthing along with existing cable as required.	Mtr	4000	25.00	100000.00
Total of Rs.					4286287.00

(Rupees Forty Two Lakhs Eighty Six Thousand Two Hundred and Eighty Seven Only)

[Signature]
22/02/21

[Signature]
Joint General Manager [Engg-E]
AAI, Vijayawada Airport