



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)/Jt.GM/CW/WO-04/2022-23/392

Dated: 27.06.2022

By Speed Post/e-mail

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

Name of Work: - Provision of Feeder Cable for International Terminal Building from New Power House and Additional Cable for DVOR Associated work at Vijayawada Airport.

Ref: Your Price Bid (**Tender ID No. 2022_AAI_114238_1**)

Dear Sir,

1. Your e-tender for the above mentioned work is hereby accepted by the Competent Authority on behalf of the Chairman, AAI at the item rates quoted by you, for an amount of Rs. **41,15,569.00 (Rupees Forty One Lakhs Fifteen Thousand Five Hundred and Sixty Nine Only)** Excluding GST which is **18.43%** Below the Justified Cost of **Rs. 50,45,622.00 (Rupees Fifty Lakhs Forty Five Thousand Six Hundred and Twenty Two 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 Jt. General Manager [Engg-E] AAI, Vijayawada Airport by **06/07/2022** 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. Please Deposit amount of Rs. **4,11,557/- (Rupees Four Lakhs Eleven Thousand and Fifty Seven Only)** towards Security Deposit within 15 days from the date of issue of this letter, failing which the same will be deducted from your bill as per relevant 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/-



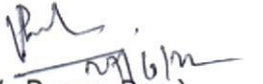
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5. You are also directed to contact the Sr. Manager [Engg-E], AAI, Vijayawada Airport immediately who will arrange to handover the site to you. Please note that the time allowed for completion of the work is **04** (Four) Months i.e. with effect from **11/07/2022**.
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

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SCHEDULE OF QUANTITIES

Name of Work: Provision of Feeder Cable for International Terminal Building from New Power House and Additional cable for DVOR Associated work at Vijayawada Airport.

Sl.No	Description of Work / Item(s)	Qty	Units	Rate	Amount
1.00	Fabrication, SITC of MV Switch Board Non-Essential/Eseential Panel made of 14 SWG CRCA Sheet Steel, dust tight, vermin proof, Totally enclosed, cubicle type, Confirming to IP42, floor mounting, free standing, extensible on both sides, suitable for indoor operation at 433 V, 3 Phase, 4 Wire, 50 Hz, A.C.System complete with all accessories, interconnection, connection, earthing, painting, etc., as required and comprising of the following: A. Two Nos. of 500 A, 50 KA, 4P MCCBs with Thermal Magnetic Release for OC/SC/EF Protection as INCOMERS with ON/OFF/TRIP Indication Lamps and Phase Indication Lamps, Multifuntion Meter i/c. CT, Interlocking Facility with Incomers and Buscouplers as required. B. One No. 500 A, 50 KA, 4P MCCBs as Bus Coupler with ON/OFF Indication Lamps as required. C. Two Nos. of 400 A, 36 KA, 4P MCCB with Thermal Magnetic Releases for Protection as Outgoing, ON/OFF/TRIP Indication Lamps and Digital Ammeter with CTs as required. D. Four Nos. of 320 A, 36 KA, 4P MCCB with Thermal Magnetic Releases for Protection as Outgoing, ON/OFF/TRIP Indication Lamps and Digital Ammeter with CTs as required. E. One Set of 630 Amps Al. Bus Bars with at Par Neutral BUS BARS as required. F. All accessories such as fuses, auxillary contactors, auxillary switches, etc. including providing Empty Cubicle Space (2 Nos.) as required. ALL AS ABOVE 1 (A) TO 1 (F)	1.00	Job	555352.00	555352.00
2.00	Supply of 3.5C x 400 Sq.mm, XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS 7098 (Part-1) with upto date ammendments etc., complete as required. (Note: If the manufacturer does not have NABL accredited Laboratory samples from site shall be collected jointly by AAI and the agency and it will be sent to NABL accredited Laboratories / Govt Laboratories / IIT / IISc / IISER / College /University for acceptance Testing as per IS. The contractor will do all Liasoning, Transportation etc. and pay the testing charges. Nothing extra will be paid by AAI. if it is found that the cable supplied is not as per the requirement of IS, The supply will be rejected or recovery shall be made from the bill or any due pending with AAI from any airports)	500.00	Mtr	1720.00	860000.00

Sl.No	Description of Work / Item(s)	Qty	Units	Rate	Amount
3.00	Supply of 3.5C x 240 Sq.mm, XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS 7098 (Part-1) with upto date ammendments etc., complete as required. (Note: If the manufacturer does not have NABL accredited Laboratory samples from site shall be collected jointly by AAI and the agency and it will be sent to NABL accredited Laboratories / Govt Laboratories / IIT / IISc / IISER / College /University for acceptance Testing as per IS. The contractor will do all Liasoning, Transportation etc. and pay the testing charges. Nothing extra will be paid by AAI. if it is found that the cable supplied is not as per the requirement of IS, The supply will be rejected or recovery shall be made from the bill or any due pending with AAI from any airports)	1050.00	Mtr	1110.00	1165500.00
4.00	Supplying and making end termination with brass single compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
4.10	3½ X 400 sq. mm (82mm)	4.00	Set	1500.00	6000.00
4.20	3½ X 240 sq. mm (62mm)	1.00	Set	1000.00	1000.00
4.30	3½ X 185 sq. mm (57mm)	2.00	Set	900.00	1800.00
5.00	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
5.10	3½ X 240 sq. mm	2.00	Each	6000.00	12000.00
5.20	3½ X 400 sq. mm	2.00	Each	8000.00	16000.00
6.00	Supplying and laying of 125 mm dia., OD, HDPE, PE63, PN-6 Pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984, complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. (Note: Only required quantity of HDPE Pipe to be supplied and laid at site. If any balance pipe is available after laying and same shall be taken back by agency. Payment will be made as actual utilization at site. Nothing will be paid extra).	720.00	Mtr	535.00	385200.00
7.00	Supplying and laying of 110 mm dia., OD, HDPE, PE63, PN-6 Pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984, complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. (Note: Only required quantity of HDPE Pipe to be supplied and laid at site. If any balance pipe is available after laying and same shall be taken back by agency. Payment will be made as actual utilization at site. Nothing will be paid extra).	860.00	Mtr	476.00	409360.00

Sl.No	Description of Work / Item(s)	Qty	Units	Rate	Amount
8.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC/HDPE pipe as required. Above 185 sq. mm and upto 400 sq. mm. (Note: AAI will be issued 3.5C x 400 Sq.mm cable for 2nd source laying from new power house to old power house)	1760.00	Mtr	75.00	132000.00
9.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required. Above 185 sq. mm and upto 400 sq. mm	100.00	Mtr	65.00	6500.00
10.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	20.00	Mtr	80.00	1600.00
11.00	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2.00	Each	8500.00	17000.00
12.00	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	10.00	Mtr	700.00	7000.00
13.00	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	20.00	Mtr	250.00	5000.00
14.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	10.00	Mtr	250.00	2500.00
15.00	Providing, laying and fixing of 125mm dia. G.I. pipe (medium class) in PCC Road complete with G.I. fittings including trenching (70 cm deep) and re-positioning same with 200MM PCC etc., as required (Note: Excavation of PCC / Bitumin Road cutting and laying of pipe in trench and re-positioning with PCC)	24.00	Mtr	1500.00	36000.00
16.00	Making Horizontal boring of dia not less than 150mm by using suitable mechanical arrangement, Sensor operated, Min. 2Mtr Depth, horizontal bore well suitable for inserting of 140mm Dia. HDPE Pipes. Job including Supplying of 150mm PE-100 PN-8 Pipe, jointing and inserting of Pipes in bore well hole etc., complete is required.	120.00	Mtr	2500.00	300000.00
17.00	Demolishing Brick wall / PCC / RCC by manually / mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	8.00	Cum	1000.00	8000.00

Sl.No	Description of Work / Item(s)	Qty	Units	Rate	Amount
18.00	Providing and laying in position cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation / road crossing etc., including form work etc as required.	2.00	Cum	6000.00	12000.00
19.00	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels.	4.00	Cum	2500.00	10000.00
20.00	Providing 15mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels.	10.00	Sqm	1250.00	12500.00
21.00	Supplying and making cable route marker with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of size 60 cm X 60 cm at the bottom and 50 cm X 50 cm at the top with a thickness of 10cm including inscription duly engraved as required.	10.00	Each	300.00	3000.00
22.00	Supply of 750A, 3Pole, AC Operated, Power Contactor suitable for AMF Panel control for 320KVA DG Set. (Make: ABB, Model: AF750-30)	1.00	Each	135257.00	135257.00
23.00	Supply of 100A, 4Pole, Manual Operated Onload changeover switch with sheet steel enclosure along with extended operating handle and other accessories etc. complete as required.	2.00	Set	7500.00	15000.00
Total of Rs.					4115569.00

(Rupees Forty One Lakh Fifteen Thousand Five Hundred and Sixty Nine Only)

****Note: GST Extra as applicable**


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