



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

Ref. No.: - AAI/DIM/AGME-E/ELR-32/CAP/W.O-23/2021-22/5095-105 Date: 28.02.2022

To,

M/s V-ADD INFRA Pvt. Ltd.,
65, Malhotra Nagar, Road No. 1,
V.K.I. Area, Sikar road,
Jaipur-302039

Subject: Work Order for: “Construction of New Power House-Substation equipment works. SH: Replacement of BOCBs at Dimapur Airport”

Ref. No: Your Tender opened on dated 18/02/2022.

Tender ID: 2022_AAI_103988_1

Dear Sir(s)

1. Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 28,11,299.00 /-** (**Rupees Twenty Eight Lakhs Eleven Thousand Two Hundred and Ninety Nine Only**) **Excluding GST** which is **36.38% below** the Estimated cost put to Tender of **Rs. 44,19,047.60/-**
2. Asst. General Manager Engg. (Elect) AAI, Dimapur Airport shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Asst. General Manager Engg. (Elect) AAI, Dimapur Airport by 10.03.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and the cost of the stamp paper shall be borne by you.
3. You are requested to deposit **Rs. 2,81,130/- (Rupees Two Lakhs Eighty One Thousand One Hundred and Thirty Only)** towards Security Deposit within **30th** days from the date of issue of this letter, falling which, the same will be deducted from your running bills as per GCC Clause-1 A of the contract documents.
4. You are requested to comply with the provision of Contract Labor (Regulation and Abolition) Act of 1970 and contract Labor (Regulation and Abolition) central rules 1971 and Minimum wages Act & Rules thereof central and state Governments.
5. You are also directed to contact Asst. Manager Engg. (E), AAI, Dimapur Airport immediately who will arrange to handover the site to you.
6. Please note that the time allow for carrying out the work is **06 Months** which shall be reckoned from the 10th day after issue of this letter.

R.
28/02/2022
AM (EE)

7. Any further correspondence in connection with the contract should normally be address to the Asstt. General Manager, AAI Dimapur Airport, Nagaland-797115.
8. Defect Liability period shall be **12 (Twelve) months** as per the contract documents.
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 acceptance.

Yours faithfully,
Tantaky.
28/02/2022
AM(E-E).
for

M. Pongen
Asstt. General Manager Engg. (Elect)
For and on behalf of Chairman
Airports Authority of India.

Encl: -BOQ

Government eProcurement System
Created By: Moatemjen Pongen
Created Date/Time: 18-Feb-2022 03:35 PM

Tender Title: Construction of New Power House Substation equipment works SH Replacement of BOCBs at Dimapur Airport

Tender Inviting Authority: AGM(E-E) AAI, Dimapur Airport.

Name of Work: "Construction of New Power House-Substation equipment works. SH: Replacement of BOCBs at Dimapur Airport."

Contract No: 2022_AAI_103988_1

SCHEDULE OF WORK / ITEM(S)

SL.N o	Description of Work / Item(s)	No.of Qty	Units	V-ADD INFRA PRIVATE LIMITED(GSTN-NA)	
				Rate	Amount
1.00	S/I/T/C of 11 KV Switch Board of VCB Panel of sheet steel, dust tight, vermin proof, totally enclosed cubicle type floor mounting horizontal drawout free standing extensible on both sides, suitable for indoor operation at 11 KV, 3 phase, 50 Hz AC system having 350 MVA for 3 Second rupturing capacity complete with all accessories such as shunt trip coil suitable for 24V DC Power Supply, motorised and manually operated spring assisted closing mechanism, auxillary contacts, etc., interconnections, earthing etc., as required and comprising of following:				
1.10	Two Nos. (Incomers) of 800 Amps. rating VCB of 11 KV grade having PVC sleaved air insulated copper bus bars of 1000 Amps., capacity with suitable resin cast dual core CTs of ratio 100/50/5-5A with class 1 accuracy, resin cast PT of of ratio 11 KV/110 V with class 1 accuracy, complete with Microprocessor Based Numerical Relay of Areva Make P111 Model/Equivalent, Digital Meter of Conserve Make EM 6400/Equivalent, 7 LED Type ON/OFF/TRIP/Spring Indication Lamps, 7 LED Phase Indication Lamps, providing Mechanical and Electrical Interlock with Buscoupler, Push Buttons, ON/OFF/Trip Switch, Master Trip Relay, Thermostat Controlled Heaters, Hooter, Panel Lamp, Annunciation Window, cable entry provision suitable for 3 X 185 Sq.mm. XLPE cable etc. as required.				

Tantakoy.
28/02/2022
AM (E-E)

1.20	One Bus Coupler of 800 Amps. rating VCB of 11 KV grade having PVC sleeved air insulated copper bus bars of 1000 Amps., capacity with 7 LED Type ON/OFF/TRIP/Spring Indication Lamps, Push Buttons, ON/OFF/Trip Switch, Thermostat Controlled Heaters, Hooter, Panel Lamp, Annunciation Window, etc. as required.				
1.30	2 Nos. (Outgoings) 800 Amps. rating VCB of 11 KV grade having PVC sleeved air insulated copper bus bars of 1000 Amps., capacity with suitable resin cast dual core CTs of ratio 80/40/5-5A with class I accuracy, complete with Microprocessor Based Numerical Relay of Areva Make P111 Model/Equivalent, Auxillary Relays for WTI and OTI Alarm and Trip Digital Meter of Conserve Make EM 6400/Equivalent, 7 LED Type ON/OFF/TRIP/Spring Indication Lamps, 7 LED Phase Indication Lamps, providing Mechanical Castle Lock, Push Buttons, ON/OFF/Trip Switch, Master Trip Relay, Thermostat Controlled Heaters, Hooter, Panel Lamp, Annunciation Window, cable entry provision suitable for 3 X 185 Sq.mm. XLPE cable etc. as required.				
1.40	All Above Sl.No. (1 to 1.3)	1.00	Job	1950000.00	1950000.00
2.00	SITC of 15 Nos. of 2 Volt, 100 AH Exide Batteries [Totalling to 30V] of Model "PLANTE" or Equivalent with Initial Charging including providing and fixing MS Stand of suitable Size for all Batteries as required.	1.00	Job	40000.00	40000.00
3.00	SITC of 30V, 20 Amps, DC Battery Charger with Thyristor Based Rectifier suitable to operate in 230V, 50Hz, single phase AC Power Supply with charging arrangement for Trickle/Boost including with suitable range Digital Meter for both AC/DC for measuring Current and Voltage, Regulator, Selector Switches, Indication Lamps etc. for operating Batteries associated with 11 KV HT Panel, as required	1.00	Job	45000.00	45000.00

R.
20/02/2022
AM (EE)

4.00	Supply of compact circular stranded Al conductor provided with conductor screening of semi-conducting compound XLPE insulated provided with insulation screening over individual cores, consisting of extruded semi-conducting compound followed by lapped semi-conducting copper tapes, cores laid together with suitable filters, in the interscribes covered with inner sheath by extrusion, galvanized flat steel strip armoured and overall PVC sheathed cable, suitable for 11 KV (UE) System conforming to IS 7098 (Part-II) 2011 as amended upto date and of following Size as required. 3 X 185 SQ.MM	100.00	Mtr.	3150.00	315000.00
5.00	Supply of nominal 2.5 mm thick (Width 1 Mtr) PVC synthetic, electric insulated mats conforming to IS 15652-2006 having Dielectric strength of 45 KV, no adverse effect of mineral oil, high insulation resistance (Minimum 1,00,000 M Ω on wet condition with 5 KV meggar) etc., as reqd.	10.00	Sq. Mtr.	1150.00	11500.00
6.00	Fixing of nominal 2.5/2.0 mm (Width 1 Mtr) thick PVC synthetic, electric insulated mats conforming to IS 15652-2006 along with suitable adhensive/chemibond, i/c providing water proofing of floor, (chipping of floor if required) sealing of all joints etc., as reqd.	10.00	Sq. Mtr.	1050.00	10500.00
7.00	Supplying and laying of 160 mm OD HDPE Pipe of PE 80 PN 6 ISI Marked along with all accessories like socket, bend etc., confirming to IS 4984 complete with fitting and cutting, jointing etc., direct in ground (1.2 mtr below the ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., as required.	100.00	Mtr.	2150.00	215000.00
8.00	Laying of one number PVC/XLPE insulated and PVC sheathed power cable of 11KV grade of size exceeding 120 sqmm but not exceeding 400 sqmm.in the existing RCC/Hume/STONEWARE/METAL/HDPE Pipe as required.	100.00	Mtr.	50.00	5000.00
9.00	Laying of one number PVC/XLPE insulated and PVC sheathed power cable of 11KV grade of size exceeding 120 sqmm but not exceeding 400 sqmm in the existing masonry open duct as required.	40.00	Mtr.	100.00	4000.00


 AM (E-E)
 28/02/2022

10.00	Laying and Fixing of one number PVC/XLPE insulated and PVC sheathed power cable of 11KV grade of size exceeding 120 sqmm but not exceeding 400 sqmm on Surface as required.	10.00	Mtr.	100.00	1000.00
11.00	Supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for the following size of 3 core XLPE aluminium conductor cable of 11 KV grade as required. 240 Sq.mm	6.00	Job	7000.00	42000.00
12.00	Supplying and making Outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for the following size of 3 core XLPE aluminium conductor cable of 11 KV grade as required. 240 Sq.mm	2.00	Job	8000.00	16000.00
13.00	Retrieval of one number PVC/XLPE insulated and PVC sheathed power cable of 11KV grade of size upto 300 Sqmm from the existing RCC/HUME/GI Pipe/STONEWARE/METAL/Duct etc., as required. Pipe/STONEWARE/METAL/Duct etc., as required.	10.00	Mtr.	150.00	1500.00
14.00	Retrieval of one number PVC/XLPE insulated and PVC sheathed power cable of 11KV grade of size upto 300 Sqmm from ground including excavation and refilling the trench etc.. as required.	20.00	Mtr.	200.00	4000.00
15.00	Retrieval of one number PVC/XLPE insulated and PVC sheathed power cable of 11KV grade of size upto 400 Sqmm from existing masonry Open Trench etc.. as required.	40.00	Mtr.	100.00	4000.00
16.00	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	Set	7500.00	15000.00
17.00	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)	25.00	Mtr.	450.00	11250.00

R.
 AM (E/E)
 28/02/2022

18.0	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	30.00	Mtr.	400.00	12000.00
19.0	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	20.00	Mtr.	275.00	5500.00
20.0	Fabrication, Supply and Fixing of 6mm thick chequered plates including providing and fixing 40mmx40mmx6mm angle iron supports on cable trenches, 25mmx6mm MS flat around the chequered plate by welding, providing lifting hook etc., as required.	100.00	Kg.	300.00	30000.00
21.0	Providing Civil Works as required as detailed below: Cement concrete in 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	3.00	Cum	5000.00	15000.00
21.1	Cement mortar in 1:6 (1 cement: 6 coarse sand)	2.00	Cum	5000.00	10000.00
21.2	Brick work with bricks of class designation 7.5 in foundation and plinth in 1:6 (1 cement: 6 coarse sand)	2.00	Cum	5000.00	10000.00
21.3	Cement plaster 12mm thick of mixture 1:6	10.00	Sq. Mtr.	1500.00	15000.00
21.4	Steel rod for RCC Slabs	50.00	Kg.	150.00	7500.00
22.0	Dismantling of 1 No. 11 KV HT BOCB Panels including disconnection of Power/Control Cables and Earth Connections, shifting of dismantled materials to Store of Engineer-In-Charge as required. Work shall be done in a Phased Manner Only.	1.00	Job	15549.00	15549.00
Total in Figures					2811299.00

(Rupees- Twenty Eight Lakhs Eleven Thousand Two Hundred Ninety Nine Only) Excluding GST

Tanta Roy,
28/02/2022
AM (EE)

for **M. Pongen**
Asstt. GM (Engg-E)
AAI, Dimapur Airport

