



Work Order

Ref: AAI/JH/AGM (E-E)/CW-04/WO-04/2021-22/563

Dt.: - 20.11.2021.

By: email /Speed post / Register with AD/ Hand

M/s Youngmen Traders

P/27/1, Rastraguru Avenue,

Dum Dum, Kolkata

PIN-700028, West Bengal

E-mail: - boseranjan@hotmail.com .

Ref.: -

1. e - NIT No. 2021_AAI_83481_1.
2. Your Tender opened on 30.09.2021.
3. Clarification Letter Dated.: - 08.10.2021.

Name of Work: - Provision for Standby Feeder for GLF System at VSS Airport, Jharsuguda.

Dear Sir,

1. Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 1,10,48,050.00/-** (One Corer Ten Lakhs Forty-Eight Thousand Fifty only), excluding GST, which is 27.45% below the estimated cost put tender of Rs. 1,52,28,528.00/- only.
2. Asstt. General Manager (Engg. El), AAI, VSS Airport, Jharsuguda shall be the Engineer-In-Charge of the work and Manager (Engg. -E), AAI, VSS Airport, Jharsuguda shall be his authorized representative.
3. You are requested to attend the office of the Asstt. General Manager (Engg. El), AAI, VSS Airport, Jharsuguda by 30.11.2021 to sign and complete the contract agreement. The contract agreement shall be executed on **non-judicial stamp paper of Odisha Govt. of value Rs.100/-** (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.
4. The Earnest Money Deposit (EMD) of Rs. Nil (exempted EMD Declaration in Company letter head 'Annexure-A') received along with the tender will be treated and converted as part of Security Deposit as per condition of clause 14 / IV of GCC (General Rules and Directions) of the contract document. Please deposit **Rs. 11,04,805.00/-** (Rupees Eleven Lakhs Four Thousand Eight Hundred Five only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per condition of clause no. 1A of GCC of the contract document.
5. 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 and Rules there of Central and State Govt.
6. You are also directed to contact Manager (Engg. -E), AAI, VSS Airport, Jharsuguda immediately who will arrange to hand over the site to you.



7. Please note that the time allowed for carrying out the work shall be **05 Months** and same shall be reckoned from the 10th day from the date of issue of this later.
8. All queries, clarifications etc. raised during e-tendering process and replies there of shall also form part of the agreement.
9. You are requested to submit valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and input tax credit details if any for processing the bills mentioning the AAI VSS Airport, Jharsuguda GST no. **21AAACA6412D1ZK**.
10. Any further correspondence in connection with the contract should be addressed to the Engineer-in-charge.
11. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.

Sincerely,

20/11/2021

Asst. General Manager (Engg. - E)
For and on behalf of Chairman
Airports Authority of India.

Encl: -

1. Schedule – A.

सहा. महाप्रबंधक (अभि-वि) /AGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda

Copy (NOO): - (Internal)

1. The GM (Engg. - E), AAI, RHQ-ER, NSCBI Airport, Kolkata-700052.
2. The GM (FA), AAI, RHQ-ER, NSCBI Airport, Kolkata-700052.
3. The Dy. GM (EE), AAI, RHQ-ER, NSCBI Airport, Kolkata-700052.
4. Airport Director, AAI, VSS Airport, Jharsuguda-768204.
5. The Manager (EE), AAI, VSS Airport, Jharsuguda-768204.
6. Upload on CPP & AAI Portal.
7. File.

Copy (NOO): - (External)

1. The Assistant Labour Commissioner, Jharsuguda, Odisha
2. The Commissioner, EPFO, Jharsuguda, Odisha

ITEM NO.	Description of Item	Qty.	Unit	RATE (Rs.) excluding GST	AMOUNT (Rs.) excluding GST
5	Supply and making cable joint with 5 KV grade plug and receptacle of type I class B connector , suitable for field attachment with 5 KV grade PVC/XLPE insulated PVC sheathed single core copper conductor cable of following size as required and confirming to the relevant IS specifications as required for following sizes. a) 6 sq. mm.	30	EA	425.00	12 750.00
6	Supply and making cable joint with 600V grade secondary connector kit , suitable for field attachment with 600V, 2 core secondary cable to the fitting lead as required and confirming to the relevant IS specifications as required for following sizes. (Length 0.3 mtr) a) 2X 4 sq. mm.	80	SET	350.00	28 000.00
7	Design Supply, Installation, Testing and commissioning of FAA compliant, indoor type Microprocessor based Constant Current Regulator(CCR) suitable for remote as well as local control operations with 5 position brightness control (6.6A maximum current corresponding to 100% brightness) on input voltage 230/415 V, 50hz., AC supply, provision for control supply with switchgears, CCR protections, connection/ inter-connection etc.complete as required. 7.5 KW, 6.6A output current.	2	EA	2 25 000.00	4 50 000.00
8	Supply, Installation, testing and commissioing of C.I Isolating Transormer Housing Box , suitable for water tight round type, metal container of outside size 330mm height 450 mm made of 10mm thick cast iron moulding all round, except the top surface, which is 15mm thick cast iron moulding suitable to receive a light fitting base plate on the top and underground housing associated with transformer power cable and having two side holes diametrically opposite at the floor level to hold 50 mm dia HDPE pipe and more hole at an right angle to those side holes at the floor level to hold drain line of size 32 mm dia HDPE pipe . The box should have two SS Earth bolts of M10 x 30mm tapped inside and two holes at 75 mm from bottom to receive 6 SWG GI earth wire and having clear opening of 220mm at the top surface and 6 Nos. M10 tapped hold at the hole centre 260mm to receive fitting base plate and bolts as required as per the drawings. Installation is to be done with civil PCC work and the top should be 50 mm above the finish level with proper slope to the finish shoulder level at a distance of 1M. All necessary pipe cutting , fittings are also to be done with the installations etc. complete as required.	12	JOB	5 500.00	66 000.00
9	Installation, testing, commissioning of elevated type HIRL/MIRL/Isolation bay fittings on the existing transformer housing boxes including, installation of transformers, lens, filters, lamps and other accessories alignment, levelling and making secondary lead connections to transformer & fittings earth connections etc. complete as required.	65	JOB	200.00	13 000.00

22/11/2021

ITEM NO.	Description of Item	Qty.	Unit	RATE (Rs.) excluding GST	AMOUNT (Rs.) excluding GST
10	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal/ coke and salt) as required	4	JOB	4 500.00	18 000.00
11	Supplying of earth enhancing compound (UL Listed) and CPRI tested etc. complete as required.	160	Kg	20.00	3 200.00
12	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/HDPE Pipe/ cable as required	28800	MTR	18.00	5 18 400.00
13	Cutting bitumenous/cement concrete road/runway/taxway / apron etc. to a depth upto 1.0 m. and width upto 75 mm. and refilling the same and making good the same to the original finish along with mobile DG for power supply and water bowser etc. complete as required	5	Cum	1 200.00	6 000.00
14	Excavation of the trench in hard rock not exceeding 1.5 mtr in width, and lift upto 1.5mtr, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50mtrs.	10	Cum	600.00	6 000.00
15	Excavation for foundation in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metres	30	Cum	150.00	4 500.00
16	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set isolating trnsformer housing box etc including form work etc as required.	3	Cum	4 500.00	13 500.00
17	Supplying and laying of 3Runs of 50 mm nominal dia OD, HDPE pipe (PE- 63, PN-6) as per IS - 4984 and IS marked with uptodate ammendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing and laying the same by horizontal directional drilling (micro tunnelling) method at one shot , minimum one meter below ground that is without cutting open trench etc. complete as required.	3170	Mtr	425.00	13 47 250.00
18	Supplying and laying of 2Runs of 50 mm nominal dia OD, HDPE pipe (PE- 63, PN-6) as per IS - 4984 and IS marked with uptodate ammendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing and laying the same by horizontal directional drilling (micro tunnelling) method at one shot minimum one meter below ground that is without cutting open trench etc. complete as required.	2508	Mtr	350.00	8 77 800.00

[Handwritten signature]
25/11/2021

ITEM NO.	Description of Item	Qty.	Unit	RATE (Rs.) excluding GST	AMOUNT (Rs.) excluding GST
19	Supplying and laying of 50 mm nominal dia OD, HDPE pipe (PE- 63, PN-6) as per IS - 4984 and IS marked with upto date ammendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing and laying the same by horizontal directional drilling (micro tunnelling) method minimum one meter below ground that is without cutting open trench etc. complete as required.	1080	Mtr	275.00	2 97 000.00
20	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	50	EA	300.00	15 000.00
21	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 5 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE pipe as required upto 35 sq.mm	28800	MTR	20.00	5 76 000.00
22	Providing of one no vehicle (Bolero/Scorpio/Sumo with AC not more than two years old) along with driver, POL for monthly run upto 1800 KM i.e all expense paid for 10 hours a day any time as per site work requirement.	5	MON	40 000.00	2 00 000.00
23	Supply of C.I dummy plate , suitable for water tight round type, metal container of outside size 330mm, made of 15mm thick cast iron suitable for blanking of top of CI transformer housing box as offered in the previous item including holes and nuts and bolts and gaskets etc. complete as required.	12	EA	1 200.00	14 400.00
24	Design, Supply, Installation, Testing and commissioning of 415 VAC + 15%, - 10%, 3P+N+PE, 50 Hz +/- 5%, PF-0.8 , THD 10% (input) 2 X 60KVA (min 54 KW) IGBT based, sinusoidal, online double conversion UPS System , isolation transformer, static and manual bypass facility, parralel kit, O/L , S/C protection and alarm & indications etc. including SMF VRL battery bank with racks, SDFU, interconnections, DC cabling for 30 minutes back up on full load for each UPS etc. suitably configured to support the load of airport Ground Lighting Facility which requires three phase out put with 100% unbalance load of connecting load 3P or 2P or 1P+N or any combination of them for phase voltage of 230V +/- 1% (5% for transient), AC 50 Hz +/- 0.5%, crest factor 3:1(minimum) and THD less than 5% and will have no adverse affect on the existing DG sets. etc. complete as required.	1	JOB	22 50 000.00	22 50 000.00

Signature
25/12/2021

सहा. महाप्रबंधक (अभि-वि) /AGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई साई अड्डा
Veer Surendra Sai Airport, Jharsuguda

ITEM NO.	Description of Item	Qty.	Unit	RATE (Rs.) excluding GST	AMOUNT (Rs.) excluding GST
25	Supply, installation, testing & commissioning of dust, damp and vermin proof free standing, floor mounted indoor type factory built extendable cubicle type LT panel board (having minimum IP-42 protection) suitable for operation on 415V, 3 phase, 4 wire, 50 Hz AC supply system fabricated in compartmentalized design from CRCA sheet steel of 2 mm thick for frame work & covers, cleaning & finishing complete with 7 tank process for powder coating in approved shade, extensible type TPN aluminium alloy busbars of high conductivity , SMC busbar supports with short circuit withstand capacity of 35KA for 1 sec, bottom base channel of MS section not less than 100mm X 50 mm X 5 mm thick, Panel fabrication in transportable sections, entire panel shall have a common copper earth bar of size 25mm X 5 mm at the rear with 2 Nos. earth studs, solid connection from main busbar to switchgears with required size of aluminium busbar/ copper conductor leads & control wiring with 2.5 sq. mm FRLS insulated copper conductor single core cable, cable alleys, 3 mm thick for gland plates in two half, fit all accessories complete and confirming to tenders technical specifications, terms & conditions etc. complete as required. with the following switchgears :	1	JOB	3 25 000.00	3 25 000.00
	A. Incoming Feeders:-				
	2 no of 250 Amps, 415V, 35kA,,4P MCCB, Thermal magnetic release with OL , EF & SC protections				
	(i) LED type indicating Lamp for - R, Y,B and ON with control MCB - 2 Sets.				
	(ii) Digital type 3 phase Multi-function Meter with 3 Nos. of single core epoxy resin cast type CTs of 250/5 Amps, 15 VA, CL 1.0 ratings & control MCB -2 Set.				
	C. Buscoupler:-				
	1 no. of 250 Amps, 415V, 4P MCCB without protection release.				
	LED type indicating Lamps for ON & OFF with control MCB:- 1 Set				
	D. Mechanical (castle key) interlocking between two incomers and bus coupler so that any two can be ON at one time.- 1 set				
	E. Outgoings:-				
	(a) 03 nos. of 100 Amps, 415V, 35kA, 4 Pole MCCB Thermal magnetic based releases having O L, SIC & E F protection with ON-OFF indication lamp protected by suitable rating MCBs.				
	(b)08 nos. of 63 Amps, 415V, 25kA, 4 Pole MCCB Thermal magnetic based releases having O L, SIC & E F protection with ON-OFF indication lamp protected by suitable rating MCBs.				
26	Supply of following sizes of heat resistant flame retardant PVC insulated industrial unarmoured, flexible, copper conductor cable of 1.1KV grade as per IS IS 694 with upto date amendments etc. complete as required. single core x 50 Sqmm	150	Mtr	450.00	67 500.00

25/10/2021

ITEM NO.	Description of Item	Qty.	Unit	RATE (Rs.) excluding GST	AMOUNT (Rs.) excluding GST
27	Laying of 1C x 50 sqmm copper cable & GI tray and all cable terminations with copper lugs & glands inside CCR room (e.g. From incomer panel to two number UPSs , from UPSs to UPSs and from two number UPSs to Out going panel), sign writing etc. complete as required. (Cable tray will be provided by AAI)	1	JOB	3 500.00	3 500.00
28	Supply and Fixing of nominal 2.5 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.	20	Sqmt	1 200.00	24 000.00
29	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.	100	Kg	55.00	5 500.00
30	Brick work with bricks of class designation 60 in foundation and plinth in 1:6 (1 cement: 6 coarse sand)	10	Cum	4 500.00	45 000.00
31	Cement plaster 12mm thick of mixture 1:6	100	Sq mtr	200.00	20 000.00

Grand Total Excluding GST

1 10 48 050.00

(RUPEES ONE CRORE TEN LAKHS FORTY-EIGHT THOUSAND FIFTY ONLY)

[Signature]
20/11/2021

सहा. महाप्रबंधक (अभियंता) /AGM (E-Eng-E)
भारतीय विमानपत्तन प्राधिकरण
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