



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Ref/No.: - AAI/DIM/AGME-E/ELR-24/CAP/W.O-21/2021-22/4638

Date: 04.01.2022

To,

M/s Taurus Industries,
1st Floor, Temple Tower, Christian Basti,
Guwahati-781005.

Subject: Work Order for: "Construction of overhead tank including underground sump at Dimapur Airport. SH- Electrical works."

Ref. No: Your Tender opened on dated 23.12.2021.

Tender ID: 2021_AAI_95889_1

Dear Sir(s)

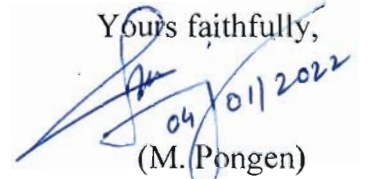
1. Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 60,73,777/- (Rupees Sixty Lakhs Seventy-Three Thousand Seven Hundred and Seventy-Seven Only) Excluding GST** which is **5.72%** below the Estimated cost put to Tender of **Rs. 64,42,336/-**.
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 14.01.2022 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. 6,07,378 /- (Rupees Six Lakhs Seven Thousand Three Hundred and Seventy-Eight Only)** towards Security Deposit within **30th** days from the date of issue of this letter, failing 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 Asstt. 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 **04 (Four) Months** which shall be reckoned from the **10th day** after issue of this letter.

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A. M. Loe

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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,

A handwritten signature in blue ink, appearing to be 'M. Pongen', is written over a circular stamp. The stamp contains the date '04/01/2022'.

(M. Pongen)

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

Encl: -BOQ

Government eProcurement System

Tender Title: Construction of Overhead tank including underground sump at Dimapur Airport.SH- Electrical Works.

Tender ID: 2021_AAI_95889_2

Name of Work: Construction of Overhead tank including underground sump at Dimapur Airport.SH- Electrical Works.

Contract No: 2021_AAI_95889_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	SUB HEAD-I Water Filtration plant & Pumps SITC of Lifting Pump Arrangement River to Tank To transfer river water to raw water tank Type - Centrifugal along with Starter Flow Rate - 15 m3/hr Model - KDS 2050 /eqv. Suction-4", Dely-3" MOC - CI, 20HP	2.00	No	140000.00	280000.00
2.00	SITC Coagulant Dosing Pump Type - Metering Flow Rate - 0 to 10 LPH Along with chemical storage tank:- Make - Polycon/ Sintex /Tusker/ Vectus/ eqv. Coagulant Dosing Tank Capacity - 200 Liter MOC - HDPE / PP / FRP	1.00	No	26000.00	26000.00
3.00	SITC Flocculant Dosing Pump Type - Metering Flow Rate - 0 to 10 LPH Along with chemical storage tank:- Make - Polycon/ Sintex /Tusker/ Vectus Flocculant Dosing Tank Capacity - 200 Liter MOC - HDPE / PP / FRP	1.00	No	26000.00	26000.00
4.00	SITC of Static Mixer Flow Rate - 15 m3/hr Installation - Inline MOC - PP/PVC/SS 304/MS Resin Coated Make - Taurus/KSP Hydro/ eqv. Handling - Clear Liquid Operation - Continuous	1.00	No	26000.00	26000.00
5.00	SITC of MULTI GRADE FILTER comprising of: MOC: FRP Composite " STRUCTURAL" Make: Pentair/Tata/Taurus/Korpall Water/Eqv Diameter:900mm Height:1800mm Opening: Min 4" Top & Bottom flanged Strainers: Top & Bottom-HUB lateral strainers media: Mno2 lumps coarse sand 16 /32 mesh, Barakar sand, Gravels & Pebbles- 3 grades. Pipe line: Frontal 2" pipe with Valves for service, Backwashing & rinse etc. Max Operating Pressure: 5 kg/ cm2	1.00	No	143977.00	143977.00
6.00	SITC of ACTIVATED CARBON FILTER comprising of: MOC: FRP Composite "STRUCTURAL" Make: Pentair/Tata/Taurus/Korpall Water/Eqv Diameter:900mm Height:1800mm Opening: Min 4" Top & Bottom flanged Strainer's: Top- Bottom HUB lateral strainers Base: FRP TRIPOD. Filter media: Activated carbon with Support media. Pipe line: Frontal 2" pipe with Valves for service, Backwashing & rinse etc. Max Operating Pressure: 5 kg / cm2	1.00	No	180000.00	180000.00



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7.00	SITC Membrane Bio Reactor System Tank & Cleaning tank MOC - MSEP / MS Glass Fused / MS FRP. This specially designed in order to submerge the Membrane module for daily Membrane operation. Capacity is 15,000 litres. A separate Cleaning tank is also provided for periodic cleaning of the membrane module. Capacity of this tank is 10,000 litres Make - Rostfrei/KSP Hydro/CST/Eqv	1.00	Job	510000.00	510000.00
8.00	SITC of Membrane Module a) PTFE / Ceramic Flat Sheet With Skid in MS Resin Coating / SS 304. Pore Size Not less than 0.1 Micro stackable one over the other. Membrane is robust & stackable one over the other. Membrane & Skid will be from approved makes. System Design of Membrane Operation & Cleaning tank. Capacity - 7.5 m3/hr Make - KSP Hydro / Ovivo / A3/eqv. b) Interconnecting pipes & Accessories : Automation Valves Make - Honeywell / Zoloto/eqv. c) Suction Pump : Membrane Suction Pump Type - Surface Self Priming Flow Rate - 15 m3/hr Head - 15 meter MOC - CI / SS 304	1.00	No	2150000.00	2150000.00
9.00	SITC Chlorine Dosing Pump & Accessories a) Type - Metering Flow Rate - 0 to 10 LPH b) Hypo Chemical storage tank Make - Polycron/ Sintex /Tusker/ Vectus c) Chlorine Dosing Tank Capacity - 200 Liter MOC - HDPE / PP / FRP	1.00	No	27000.00	27000.00
10.00	SITC Treated Water Transfer Pumps, Pipeline - OH TANK a) Type - Submersible/Surface Type with Negative Suction Flow Rate - 15 m3/hr Head - 45-50 meter MOC - CI Suction - 2.5", Dely-2" Model - KDS 852, 7.5 HP	2.00	No	70000.00	140000.00
10.10	b) Piping above water MOC - CPVC / UPVC Make - Jindal/TATA (GI) & Astral / Supreme / Prince (UPVC)/eqv.	1.00	No	42000.00	42000.00
11.00	SUB HEAD-II Supply and laying of cables and other associated works Supply of XLPE insulated, armoured 1.1 KV grade aluminium conductor cable as per IS 7098 (Part 1) 1988 with upto date ammendments of following sizes: (a) 4 C x 95 sq.mm	800.00	No	600.00	480000.00
11.10	(b) 4 C x 16 sq.mm	100.00	Mtr.	150.00	15000.00
11.20	(c) 4 C x 10 sq.mm	150.00	Mtr.	140.00	21000.00
12.00	Laying of one number XLPE power cable of 1.1 kV grade of following size direct in ground including excavation,sand cushioning, protective covering and refilling the trench etc as required. 4 C x 95 sq.mm (above 35 sq mm. and upto 95 sq mm)	500.00	Mtr.	300.00	150000.00
13.00	Laying of one number XLPE armoured power cable of 1.1 KV grade of following size in the METAL pipe as Required. 4 C x 95 sq.mm (above 35 sq mm. and upto 95 sq mm)	50.00	Mtr.	40.00	2000.00

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ALM/EE

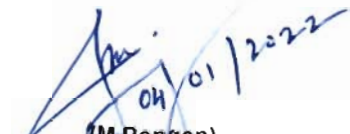
14.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. 4 C x 16 sq.mm (upto 35 sq mm)	100.00	Mtr.	32.00	3200.00
14.10	4 C x 10 sq.mm (upto 35 sq mm)	150.00	Mtr.	32.00	4800.00
15.00	Laying of one number XLPE armoured power cable of 1.1 KV grade of following size in the Wall surface as required 4 C x 95 sq.mm (above 35 sq mm. and upto 95 sq mm)	30.00	Mtr.	90.00	2700.00
16.00	Supplying and making end termination with Double Compression Water and Flame resistant brass compression gland and aluminium lugs for following size of XLPE armoured aluminium conductor cable of 1.1 KV grade as required. 4 C x 95 sq.mm	8.00	Set	950.00	7600.00
16.10	4 C x 16 sq.mm	8.00	Set	600.00	4800.00
16.20	4 C x 10 sq.mm	6.00	Set	500.00	3000.00
17.00	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required 80 mm dia.	36.00	Mtr.	850.00	30600.00
18.00	SUB HEAD-III SITC OF LT PANEL and associated works Supply, Installation, Testing & Commissioning of LT Panel of Single front, floor mounting, indoor type, free standing, non draw out, compartmentalized, (generally conforming to IP-54,) undrilled 3mm detachable type Gland plate sheet steel thickness of load bearing member-2mm, non load bearing member-1.6 mm, type of sheet-CRCA. Base frame of rolled channel-75 X 40 X 6 mm. . Aluminium main busbar of current density 0.8A/Sq.mm. Earth busbar of 50 X 6 mm GI. Control wiring 1.5 Sq.mm Cu, CT-2.5 Sq.mm. Power wiring by Aluminium bus or Cu. conductor flexible wire. Terminals control-2.5 sq.mm, power- Stud type. Name plate of Anodized aluminium with engraving on black background. Painted with degreasing, phosphating, water rinsing- 7 tank process, powder coated, inside and outside- siemens gray-RAL-7032 Refer Tender Documents BOQ item NO. 18	1.00	Job	266000.00	266000.00
19.00	Supply, Installation, Testing & Commissioning of LT Panel of Single front, floor mounting, indoor type, free standing, non draw out, compartmentalized, (generally conforming to IP-54,) undrilled 3mm detachable type Gland plate sheet steel thickness of load bearing member-2mm, non load bearing member-1.6 mm, type of sheet-CRCA. Base frame of rolled channel-75 X 40 X 6 mm. . Aluminium main busbar of current density 0.8A/Sq.mm. Earth busbar of 50 X 6 mm GI. Control wiring 1.5 Sq.mm Cu, CT-2.5 Sq.mm. Power wiring by Aluminium bus or Cu. conductor flexible wire. Terminals control-2.5 sq.mm, power- Stud type. Name plate of Anodized aluminium with engraving on black background. Painted with degreasing, phosphating, water rinsing- 7 tank process, powder coated, inside and outside- siemens gray-RAL-7032 Refer Tender Documents BOQ item NO. 19	1.00	Job	352000.00	352000.00


Akm Lee

20.00	SITC of outdoor cubicle type double door totally enclosed compartmentalized floor mounting type dust weather and vermin proof Cable Change Over Box of size 1200 mmX 600 mm X 600 mm suitable for 250 Amp, 415V, 4 wire, 50Hz supply, fabricated from CRCA sheet of 2mm thick complete with 01 no. Manual Change Over Switch, Copper Bus Bar, interconnecting with suitable size of copper leads and capable for housing Loop-in & Loop Out of 2 X 240 sq mm Incoming and 04 X 120 sq mm Outgoing Cables, supported on suitable size of angle iron frame, making PCC foundation work etc complete as required.	2.00	No.	30000.00	60000.00
21.00	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. Details of cost for one Set	2.00	Set	3800.00	7600.00
22.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections, etc. as required.	50.00	Mtr.	250.00	12500.00
23.00	Water Treatment plant all inclusive Comprehensive Maintenance of the entire WTP plant after DLP as provided under the main contract including trouble shooting, preventive maintenance and breakdown maintenance, supply of all spares and consumable etc. as required as per good engineering, practice recommendation of the manufacturer, instructions of Engineer-in-charge and as per terms and condition specified (the response time incase of breakdown shall not be more than 8 hours) First year (After DLP)	1.00	Job	220000.00	220000.00
23.10	Second year (After DLP)	1.00	Job	220000.00	220000.00
23.20	third year (after DLP)	1.00	Job	220000.00	220000.00
23.30	Fourth year (after DLP)	1.00	Job	220000.00	220000.00
23.40	Fifth year (after DLP)	1.00	Job	220000.00	220000.00
Total in Figures					6073777.00

(Rupees Sixty Lakh Seventy-Three Thousand Seven Hundred and Seventy-Seven only)

(All Rates are Exclusive of GST)


 (M. Pongen)
 Asstt. Gen. Mgr. (Engg-E)
 AAI, Dimapur Airport.