



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
(मिनी रक - श्रेणी - १ सार्वजनिक क्षेत्र का उद्यम)
(A Miniratna Category - 1 Public Sector Enterprise)
इम्फाल अंतरराष्ट्रीय हवाई अड्डा, इम्फाल - 795140
Imphal International Airport, Imphal - 795140



No.: AAI/IMP/ELC-291/2021-22/WO-10 / 2951-54

Date: 20.09.2021

M/s. Volks Energie Pvt. Ltd.,
306, Bakshi House, 40-41,
Nehru Place, Delhi - 110 019.
E-mail: goyal@volksenergie.in

Name of Work: Provision of Energy Efficient Split Type Air Conditioners and Water Cooler for various locations in place of Old ACs at Imphal International Airport (Year 2021-22).

Ref.: 1. Tender ID: 2021_AAI_85320_1
2. Your Financial Bid Opened on 10.09.2021

Sir,

- 1) Your e-tender for the above mentioned work is hereby accepted by the Competent Authority on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 25,75,130.00 (e/c GST) (Rupees Twenty-Five Lakhs Seventy-Five Thousands One Hundred and Thirty Only) which is 16.38% below the Estimated Cost/Justified Cost put to Tender of Rs. 30,79,512.00 (e/c GST).
- 2) Dy. General Manager (Engg.-Elect.), AAI, Imphal Airport shall be the Engineer-in-Charge of the Work. You are requested to attend to the Office of the Dy. General Manager (Engg.-Elect.), AAI, Imphal by 29.09.2021 to sign and complete Contract Agreement. The Contract Agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
- 3) Please deposit Rs. 2,57,513.00 (Rupees Two Lakhs Fifty-Seven Thousands Five Hundred and Thirteen Only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per relevant Clauses of the Contract Document.
- 4) You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971 and Minimum Wages Act & Rules thereof Central and State Governments.
- 5) Please note that the time allowed for carrying out the work is 02 (Two) Months which shall be reckoned from 15th day of issue of this award letter.

Contd...2/-

विमानपत्तन निदेशक का कार्यालय,
इम्फाल अंतरराष्ट्रीय हवाई अड्डा,
डाकघर - तुलिहल, इम्फाल, मणिपुर - 795140.
दूरभाष : 0385 - 2455069,
फैक्स : 0385 - 2455076,

O/o The Airport Director
Imphal International Airport,
P. O. Tulihal, Imphal, Manipur - 795 140.
Telephone : 0385 - 2455069,
Fax : 0385 - 2455076,

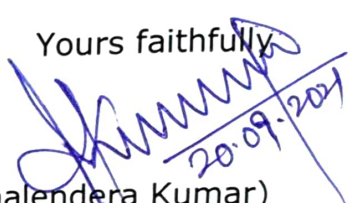
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- 6) You are also directed to contact Asst. Manager (Engg.-Elect)-II, AAI, Imphal Airport immediately who will arrange to handover the site to you.
- 7) Any further correspondence in connection with the Contract should normally be addressed to the Dy. General Manager (Engg.-Elect.), AAI, Imphal Airport, Imphal-795 140.
- 8) Please acknowledge the receipt of this letter.

Encl:

- (i) Schedule of Work.

Yours faithfully


(Shalendera Kumar)
Asst. General Manager (Engg.-Elect)
For and on behalf of the Chairman
AAI, Imphal Airport
Imphal - 795 140

Copy to:

1. Airport Director
2. AGM (E-E)-II
3. AGM (F&A)
4. File


(Shalendera Kumar)
Asst. General Manager (Engg.-Elect)
For and on behalf of the Chairman
AAI, Imphal Airport
Imphal - 795 140

**Airport Authority of India
Imphal International Airport
Imphal - 795 140**

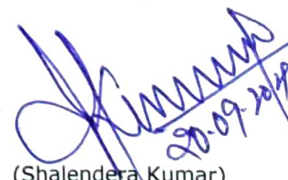
SCHEDULE OF WORK

Name of Work : Provision of energy efficient split type Air Conditioners and Water Cooler for various locations in

Item No.	Description	Unit	Quantity	Rate	Amount
a	SH-I: Supply of 1.5TR/2TR AC & Water Cooler				
1	Supply of 1.5 TR, Highwall Split A/Cs , 5 star rating, Inverter Split Units with R410a / R-32 Gas. (Both indoor and outdoor units), complete with filters, DX cooling coils connected to DX condensing units, Condenser coil- Copper, including remote control operation for temperature adjustment, indoor unit blower speed, swing adjustment, auto restart, sleep mode turbo mode, with LED display for temperature i/c standard length of copper refrigerant pipe, copper electrical cable & drain pipe etc. Complete as per technical specifications.	Each	16	38500.00	616000.00
2	Supply of 2 TR, Highwall Split A/Cs , 5 star rating, Inverter Split Units with R410a / R-32 Gas. (Both indoor and outdoor units), complete with filters, DX cooling coils connected to DX condensing units, Condenser coil- Copper, including remote control operation for temperature adjustment, indoor unit blower speed, swing adjustment, auto restart, sleep mode turbo mode, with LED display for temperature i/c standard length of copper refrigerant pipe, copper electrical cable & drain pipe etc. Complete as per technical specifications.	Each	18	43200.00	777600.00
3	Supply of 2 TR, Cassette A/Cs , 5 star rating, Inverter Split Units with R410a / R-32 Gas. (Both indoor and outdoor units), complete with filters, DX cooling coils connected to DX condensing units, Condenser coil- Copper, including remote control operation for temperature adjustment, indoor unit blower speed, swing adjustment, auto restart, sleep mode turbo mode, with LED display for temperature i/c standard length of copper refrigerant pipe, copper electrical cable & drain pipe etc. Complete as per technical specifications.	Each	4	82750.00	331000.00
4	Supply, installation, testing and commissioning of water cooler suitable for operation on 230 V, 50 Hz AC supply with RO + UV purification, 80 ltrs storage capacity and 60 LPH water flow rate through the faucets, etc. complete as per technical specification.	Each	6	70000.00	420000.00
b	SH-II: ITC of AC, Water Cooler and other accessories.				
5	Installation testing and Commissioning of following capacity Airconditioning Unit Including making of necessary hole on concrete/brick wall and making good the same i/c providing suitable size PVC pipe for drawing the /drain pipe and wire etc through the concrete/brick wall as required.				
5.1	1.5 TR High wall Split AC (Inverter type)	Job	16	2000.00	32000.00
5.2	2 TR High wall Split AC (Inverter type)	Job	18	2000.00	36000.00
5.3	2 TR Cassette AC (Inverter type)	Job	4	3000.00	12000.00
6	Supply, fixing, testing and commissioning of wall mounting type automatic electronic voltage stabilizer suitable for split Air Conditioners single phase and auto voltage range of 180-270 V with high/low voltage cut off on delay etc complete as required.				
6.1	3 KVA	Job	6	1500.00	9000.00
6.2	4 KVA	Job	16	1500.00	24000.00
6.3	5 KVA	Job	22	2000.00	44000.00
7	Supply of following sizes XLPE insulated PVC sheathed unarmoured copper conductor flexible cable etc, complete as required.				
7.1	4 core X 2.5 Sqmm.	Mtr.	250	105.00	26250.00
8	Supply, installation testing and commissioning of extra refrigerant copper pipe suitable for 1 TR, 1.5 TR and 2 TR inverter type AC including leakage testing and providing fixing of insulation, soldering, necessary clamping arrangement etc. of following size as required.				
8.1	1/2	Mtr.	150	300.00	45000.00
8.2	1/4	Mtr.	150	165.00	24750.00
8.3	5/8	Mtr.	100	360.00	36000.00
8.4	3/8	Mtr.	100	230.00	23000.00

Item No.	Description	Unit	Quantity	Rate	Amount
9	Supply & fixing of 6mm thick Nitrile Rubber Tube Insulation for 1 TR, 1.5 TR and 2 TR refrigerant piping to prevent condensation, reduces energy losses and protects against frost on pipes of following sizes.				
9.1	1/2	Mtr.	150	24.00	3600.00
9.2	1/4	Mtr.	150	14.00	2100.00
9.3	5/8	Mtr.	100	30.00	3000.00
9.4	3/8	Mtr.	100	20.00	2000.00
10	Supply, installation testing and commissioning of UPVC pipes complete with fittings and 'U' traps for condensate drain piping with supports and thermal insulation as per specifications of following sizes.				
10.1	25 mm	Mtr.	120	140.00	16800.00
10.2	32 mm	Mtr.	30	180.00	5400.00
11	Supply, installation testing and commissioning of MS frame L/chair type stand for fixing outdoor units of 1 TR, 1.5 TR & 2 TR split A/Cs complete as required.	Each	38	400.00	15200.00
12	Supply of following sizes XLPE insulated PVC sheathed armoured aluminium conductor cable of 1.1 KV Grade conforming to IS:7098 (Part 1) with upto date amendment etc. complete as required.				
12.1	4 core X 25 Sqmm.	Mtr.	40	152.00	6080.00
13	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.				
13.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	Mtr.	40	70.00	2800.00
14	Supplying and making end termination with brass 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.				
14.1	4 X 25 sq. mm (28mm)	Set	2	1000.00	2000.00
15	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required .				
15.1	4 Way TPN, Double Door	Each	1	2000.00	2000.00
16	Supplying and fixing of following amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
16.1	25 A SP	Each	7	150.00	1050.00
16.2	40 A 4P	Each	1	1500.00	1500.00
17	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Mtr.	125	200.00	25000.00
18	Supply, installation, testing and commissioning of 20 ampere Modular Socket Box with inbuilt 20 ampere SP, C curve Mini MCB, Plastic enclosure & unbreakable heavy duty with ISI mark plug top and necessary connection complete as required.	Each	14	1000.00	14000.00
19	Dismantling of different capacity existing A/Cs & Water Cooler i/c transportation of dismantled items upto AAI dismantle store complete as require.	Job	32	500.00	16000.00
				Total	2,575,130.00

Rupees Twenty-Five Lakh Seventy-Five Thousand One Hundred and Thirty only (e/c GST)


 (Shalendera Kumar)
 Asst. Gen. Manager (Engg.-Elect)
 For and on behalf of the Chairman
 AAI, Imphal Airport
 Imphal - 795 140