



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

(स्पीड पोस्ट एवं ईमेल द्वारा)

संदर्भ सं. एएआई/यूडीआर/इंजी.(ई)/2024-25/एसी/वीआरवी/डब्लूओ-07/
Ref. No. AAI/UDR/ENGG(E)/2024-25/AC/VRV/WO-07/

दिनांक: 04.09.2024

Date: 04.09.2024

सेवामें,

To,

मैसर्स यूटिलिटी सर्विसेस,
प्रथम तल, एससीओ-30, व्यापार सदन,
सेक्टर 12, ऑल्ड देहली रोड,
गुरगाँव 122002, हरियाणा

M/s. Utility Services,
1st Floor, SCO-30, Vyapar Sadan,
Sector 12, Old Delhi Road,
Gurgaon 122002, Haryana
(Email ID : utilityser20@gmail.com)

विषय:- रिप्लेसमेंट ऑफ़ एकजस्टींग पैकेज एसी यूनिट्स बाई वीआरवी एट महाराणा प्रताप हवाई अड्डा, उदयपुर।
Subject:- Replacement of existing package AC units by VRV at Maharana Pratap Airport, Udaipur.
(Tender ID : 2024_AAI_202666_1)

Ref.: Your E-tender cover-II (Financial bid) opened on dated 27.08.2024.

महोदय, / Dear Sir(S)

- ऊपर उल्लिखित कार्य हेतु आपकी निविदा अध्यक्ष भारतीय विमानपत्तन प्राधिकरण कि ओर से स्वीकृत की जाती है। आपके द्वारा बताएँ गये मद मूल्यों पर आपकी निविदा राशि **रु. 86,82,869.00 (रुपये छियासी लाख बयासी हजार आठ सौ उनहत्तर मात्र) (जीएसटी अतिरिक्त)** है जो कि निविदा अनुमानित राशि **रुपये 99,99,630.00** से **13.17%** कम है।
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. 86,82,869.00 (Rupees: Eighty Six Lakh Eighty Two Thousand Eight Hundred Sixty Nine Only) (excluding GST)** which is **13.17% below** the estimated cost put to tender of **Rs. 99,99,630.00**.
- वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत), भाविप्रा, ऑपरेशनल ऑफिससेस बिल्डिंग, महाराणा प्रताप हवाई अड्डा, उदयपुर 313022 कार्य के प्रभारी अभियंता होंगे, आपसे निवेदन है कि, आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्त करें, जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 27.09.2024 तक वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत), भाविप्रा, ऑपरेशनल ऑफिससेस बिल्डिंग, महाराणा प्रताप हवाई अड्डा, उदयपुर 313022 के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके के करारनामा 100/- रु के नोनजुडिशियल स्टेम्प पेपर पर निष्पादित किया जायेगा तथा पेपर का खर्चा आपके द्वारा उठाया जाएगा।
Senior Manager (Engg-Electrical), AAI, Operational Offices Building, Maharana Pratap Airport, Udaipur 313022 shall be 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 attend the office of the Senior Manager (Engg-Electrical), AAI, Operational Offices Building, Maharana Pratap Airport, Udaipur 313022 by 27.09.2024 to sign and complete the 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.
- आपके टेन्डर के साथ प्राप्त धरोहर राशि **रु. 1,99,993.00** निविदा के जीसीसी पृष्ठ 16 पर उल्लेखित शर्त 1A के अनुसार जमानत राशि में परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने कि तिथि से 10 दिनों के भीतर जमानत राशि कि बकाया राशि **रु. 6,68,294.00 (रुपये छह लाख अड़सठ हजार दो सौ चौरानवे मात्र)** जमा कराये, असफल होने पर निविदा के जीसीसी पृष्ठ 16 पर उल्लेखित शर्त 1A के अनुसार आपके चालू बिल से काट ली जाएगी।



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The earnest money amount of **Rs. 1,99,993.00** received along with your tender will treated and converted as part of security deposit as per clause 1A on GCC page 16 of tender document. Please deposit **Rs. 6,68,294.00 (Rupees Six Lakh Sixty Eight Thousand Two Hundred Ninety Four 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 clause 1A on GCC page 16 of tender document.

4. निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबन्ध श्रम नियम 1971 के केन्द्रीय नियम (नियमन तथा उन्मूलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के अनुपालन करें।
You are requested to comply with the Provisions of Contract labour (Regulation and Abolition) Act of 1970 and Contract labour (Regulation and Abolition) Central Rules 1971 & minimum Wages Act & Rules there of Central & State Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबन्धक (अभियांत्रिकी-विद्युत), भाविप्रा, ऑपरेशनल ऑफिस बिल्डिंग, महाराणा प्रताप हवाई अड्डा, उदयपुर 313022 से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।
You are also directed to contact Manager (Engg-Electrical), AAI, Operational Offices Building, Maharana Pratap Airport, Udaipur 313022 immediately who will arrange to hand over the site to you.
6. कृपया नोट करे कि काम करने का अनुमत समय चार (04) माह है जो कि इस पत्र के जारी होने के 10वें दिन से गिना जाएगा।
Please note that the time allowed for carrying out the work is **Four (04) Months** same shall be reckoned from the 10th day after issue of this letter.
7. इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता के पते पर किया जाए।
Any further correspondence in connection with the contract should normally be addressed to the **Engineer-In-Charge**.
8. ठेके की त्रुटि दायित्व अवधि (12) बारह माह है जो कि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is **(12) Twelve Months** for work after the actual date of completion of work.
9. यदि अंग्रेजी एवं हिंदी भाषा में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।
If there is any discrepancy in English and Hindi content, the meaning derived in English will be given precedence.
10. उपरोक्त सम्बंधी संदर्भित सभी पत्र इस ठेके का भाग होंगे।
All the letters referred above shall form part of contract.
11. कृपया पावती भेजे।
Please acknowledge the receipts.

संलग्न : Schedule of Quantities (11 page).

भवदीय / Yours faithfully

[Signature] 4/9/2011

वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत) / Senior Manager (Engg-Electrical)
भाविप्रा, महाराणा प्रताप हवाई अड्डा, उदयपुर / AAI, M.P. Airport, Udaipur
कृते तथा ओर से, अध्यक्ष, भा.वि.प्रा. / For and on behalf of the Chairman, AAI

Tender Inviting Authority: SM (Engg.-Elect.), AAI, M.P. Airport, Udaipur	
Name of Work: Replacement of existing package AC units by VRV at Maharana Pratap Airport, Udaipur.	
Contract No: AAI/UDR/ENGG(E)/2024-25/AC/VRV	
Name of the Bidder/ Bidding Firm / Company :	UTILITY SERVICES

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Supply Installation, Testing & Commissioning of commulative upto 222 HP (individual unit not more than 32 HP) modular type Variable Refrigerant Flow/Variable Refrigerant Volume air cooled Outdoor units suitable for cooling, having all hermetically sealed inverter type Scroll Compressor(s) having 05 years warranty on compressor, minimum two compressors for above 14 HP modules, microprocessor based Controller, top discharge type condensing unit(s), with R 410 A Refrigerant, vibration isolators etc. complete as required. The unit shall deliver the rated capacity at AHRI Conditions and work even at 52°C ambient temperature without tripping. The unit shall be suitable to work on 400V +/-10%, 3 Phase, 50Hz AC power supply. The unit shall be filled with first charge of the refrigerant, ready to use, conforming to technical specifications and complete as required at site.	222	HP	12635.00	2804970.00	INR Twenty Eight Lakh Four Thousand Nine Hundred & Seventy Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
2	Supply, Installation, Testing and Commissioning of various capacities between 1.5 Tr. to 2.8 Tr. (max. 3 types of Tr. shall be used) VRV/VRF High wall type Indoor unit equipped with washable synthetic media pre- filter, fan section with low noise fan/dynamically balanced blower, multispeed motor, coil section with DX copper coil, electronic expansion valve, outer cabinet, cord less remote control, drain pan, necessary accessories etc., suitable for operation on 230 V $\pm$ 10%, 50 Hz, single phase AC supply to cool the offices of Operational cum Admin block, conforming to technical specifications and complete as required at site.	183	TR	12655.00	2315865.00	INR Twenty Three Lakh Fifteen Thousand Eight Hundred & Sixty Five Only
3	Supply, Installation, Testing and Commissioning of PC based centralized monitoring and remote control system to control all the individual wall type indoor unit including supply of CPU, Monitor, UPS with minimum of 15 minutes backup, controller etc., with 05 years warranty on complete set incl. hardware and software, conforming to technical specifications and complete as required at site.	1	Each	222325.00	222325.00	INR Two Lakh Twenty Two Thousand Three Hundred & Twenty Five Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
4	Supply, Installation, Testing and Commissioning of Y - Joint (Refnut) for connecting all the indoor unit and outdoor unit piping, conforming to technical specifications and complete as required at site.	65	Each	3404.00	221260.00	INR Two Lakh Twenty One Thousand Two Hundred & Sixty Only
5	Supply, Installation, Testing and Commissioning of Passive Infrared (PIR) technology based occupancy sensors having high performance, regulating programmable type, suitable for connected load upto 10 Amp. and 5 meter (approx.) diameter coverage area along with necessary fixing arrangement including programming at site etc. The same shall be suitable for above mentioned indoor split Air conditioners units of VRV / VRF system based on occupancy, including supply and laying cables for power, control and communication from AC to sensor, ready to operate, conforming to technical specifications and complete as required at site. (Sensor make reference : Philips/ Siemens/ Johnson Controls/ Honeywell or equivalent reputed make).	19	Each	8333.00	158327.00	INR One Lakh Fifty Eight Thousand Three Hundred & Twenty Seven Only

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1	2	3	4	5	6	7
6	Design, Supply, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of various nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable supports of GI, jointing/brazing including accessories, insulated with XLPE Class-O tubular insulation/with Class-O closed cell elastometric nitrile rubber tubular sleeves sections of specified thickness for Suction and Liquid lines, all accessories, conforming to following technical specifications, approved drawings and complete as required at site. 1) Two separate runs pertaining to suction and liquid line wil be measured as a single running meter. 2) The Copper Piping & Piping Circuit should be with Minimum Number of joints, which shall be attained by using one end expanded tubes and bending the tubes instead of using elbow joints wherever 90 degree bending is required. (3) Piping should be routed at site in such a manner, that brazed joints in the refrigeration piping are kept to a minimum. (4) The makes of tube fittings shall be same as that of tubes. (5) The thickness of fittings used shall be same as that of the pipe.	900	Meter	1701.00	1530900.00	INR Fifteen Lakh Thirty Thousand Nine Hundred Only

Yash

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
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1	2	3	4	5	6	7
7.1	Supply, Installation, Testing and Commissioning of CPVC pipes of following sizes, condensate drain piping shall be insulated using 9 mm thick nitrile rubber tubes including Chiseling, fitting, supports, plastering incl. minor civils works to make the surface good as same as before, conforming to technical specifications, approved drawings and complete as required at site. 25 mm dia	200	Meter	354.00	70800.00	INR Seventy Thousand Eight Hundred Only
7.2	32 mm dia	125	Meter	498.00	62250.00	INR Sixty Two Thousand Two Hundred & Fifty Only
7.3	40 mm dia	150	Meter	673.00	100950.00	INR One Lakh Nine Hundred & Fifty Only
7.4	50 mm dia	70	Meter	985.00	68950.00	INR Sixty Eight Thousand Nine Hundred & Fifty Only

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1	2	3	4	5	6	7
8	Supply of 4 x 25 Sqmm size XLPE insulated and PVC sheathed power cable of grade 1.1 KV, aluminium conductor armoured cable confirming to IS 7098 (Part - I) with up to date amendments, conforming to technical specifications and complete as required at site.	350	Meter	299.00	104650.00	INR One Lakh Four Thousand Six Hundred & Fifty Only
9	Supplying and installing of following size of non perforated Hot Dipped Galvanised Iron Raceway (Galvanisation thickness not less than 50 microns), in convenient sections, joined with connectors, support from the wall with G.I. support including bolts & nuts, painting suspenders etc. as required. 300 mm width x 100 mm depth x 1.6 mm thickness	30	Meter	1707.00	51210.00	INR Fifty One Thousand Two Hundred & Ten Only
10	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/ cable tray, conforming to technical specifications and complete as required at site. Upto 35 sq. mm (clamped with 1mm thick saddle on wall surface)	350	Meter	116.00	40600.00	INR Forty Thousand Six Hundred Only

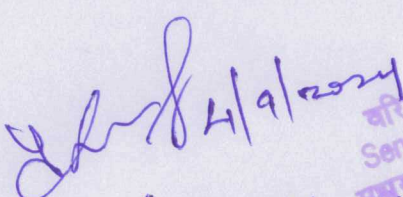
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
11	Supplying and laying following size of FRLS PVC insulated and PVC round sheathed, Multicore Annealed Bare Copper Conductor (flexible) industrial cable for 1.1 kV grade, as per IS 694:2010 upto date ammended, on cable tray/ wall surface, conforming to technical specifications and complete as required at site. 3 x 1.5 sq.mm	1400	Meter	181.00	253400.00	INR Two Lakh Fifty Three Thousand Four Hundred Only
12	Supplying and drawing following size of PVC type D insulated, core laid up, overall shielded and overall PVC type ST-3 sheathed cable, multicore Copper Conductor (flexible) cable of 1.1 kV grade for communication, on cable tray/ wall surface, conforming to technical specifications and complete as required at site. 2 x 1.5 sq.mm	1500	Meter	168.00	252000.00	INR Two Lakh Fifty Two Thousand Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
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1	2	3	4	5	6	7
13	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 6 way (8+ 18), Double door	6	Each	5293.00	31758.00	INR Thirty One Thousand Seven Hundred & Fifty Eight Only
14	Supplying and fixing 5 A to 32 A rating, 240/415 V, 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. Single pole	80	Each	368.00	29440.00	INR Twenty Nine Thousand Four Hundred & Forty Only
15	Supplying and fixing following rating, three pole neutral, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A, TPN	6	Each	2715.00	16290.00	INR Sixteen Thousand Two Hundred & Ninety Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
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1	2	3	4	5	6	7
16	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc., conforming to technical specifications and complete as required at site. 40 A, 25KA, FPMCCB (Ics = 100% of Icu)	4	Each	3004.00	12016.00	INR Twelve Thousand & Sixteen Only
17	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc., conforming to technical specifications and complete as required at site. 63 A, 25KA, FPMCCB (Ics = 100% of Icu)	6	Each	4520.00	27120.00	INR Twenty Seven Thousand One Hundred & Twenty Only
18	Supply and top up of refrigerent gas R-410A in liquid line length, conforming to technical specifications and complete as required at site.	140	KG	1008.00	141120.00	INR One Lakh Forty One Thousand One Hundred &

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1	2	3	4	5	6	7
19	Supply and fixing of MS duly painted floor mounted stand with MS angle size not less than 35 x 35 x 5 suitable for VRF / VRV outdoor unit supplied at sr. no. 1 complete as required at site.	10	Each	7582.00	75820.00	INR Seventy Five Thousand Eight Hundred & Twenty Only
20	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. with charcoal/ coke and salt, conforming to technical specifications and complete as required at site.	4	Each	11802.00	47208.00	INR Forty Seven Thousand Two Hundred & Eight Only
21	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	Meter	648.00	19440.00	INR Nineteen Thousand Four Hundred & Forty Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
22	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.	100	Meter	242.00	24200.00	INR Twenty Four Thousand Two Hundred Only
Total in Figures					8682869.00	INR Eighty Six Lakh Eighty Two Thousand Eight Hundred & Sixty Nine Only
Quoted Rate in Words		INR Eighty Six Lakh Eighty Two Thousand Eight Hundred & Sixty Nine Only				


 4/9/2024
 वरिष्ठ प्रबंधक (अनि.-विद्युत)
 Senior Manager (Engg.-Elect.)
 मल्हाराण प्रताप हवाई अड्डा, उदयपुर
 Malharan Pratap Airport, Udaipur
 (Prabhesh Baleshwar)
 Sr. Manager (EE)
 AAZ, Udaipur Airport.

Signature Not Verified

Digitally signed by PRABHASH BALESHWAR
 Date: 2024.12.30 14:13:53 IST
 Location: eProcurement System for Central
 PSUs