



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं.:/Ref. No. AAI/HYD/ENGG (E)/CW-02/2023-24/3138

दिनांक /Date: 18.04.2023

स्पीड पोस्ट / ई-मेल BY SPEED POST/E-MAIL

सेवा में/To,

सर्वश्री स्टैंडर्ड एअर कंडिशनिंग & रेफ्रिजिरेशन इंजनीयर्स,

M/s. Standard Air Conditioning & Refrigeration Engineers,

एच.नं. 1-9-485/13/8, प्लॉट नंबर 60

H.No. 1-9-485/13/8, Plot No. 60,

ललिता नगर कॉलोनी,

Lalitha Nagar Colony,

हैदराबाद -500044,

Hyderabad-500044

ई-मेल / E-mail Id: standardacre@gmail.com

कार्य का नाम:- हैदराबाद हवाई अड्डे, बेगमपेट में मौजूदा आरजीटी और एनटीआर टर्मिनल बिल्डिंग में पास (प्रक्रियात्मक दृष्टिकोण और क्षेत्र सिमुलेटर) और संबद्ध सुविधाओं के 10 नंबर का आवास। उपशीर्ष: वातानुकूलन प्रणाली का प्रावधान

Name of Work : Housing of 10 No's of PASS (Procedural Approach and Area Simulator) and allied facilities in the existing RGT and NTR Terminal Buildings at Hyderabad Airport, Begumpet. SH: Provision of Air conditioning system

संदर्भ / Ref. 1. बोली आमंत्रण सं. 2022_भाविप्रा_136702_1 दिनांक. 15.12.2022

Bid Invitation No. 2022_AAI_136702_1 Dt: 15.12.2022

2. आपकी ई-निविदा (आवरण-II वित्तीय बोली) खुलने की तिथि 20.01.2023

Your E-tender (Envelope-II -Financial bid) opened on 20.01.2023

महोदय / Dear Sir(s),

1. यथोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 59,41,331/- (रुपये उनचास लाख इकतालीस हजार तीन सौ इकतीस मात्र) जीएसटी को छोड़कर जो रुपये की उचित लागत से 5.29% कम है। 62,73,187.00 जीएसटी को छोड़कर।

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. 59,41,331/- (Rupees Fifty Nine Lakhs Forty One Thousand Three Hundred and Thirty One Only) excluding GST which is 5.29% below the Justified cost of Rs. 62,73,187.00 excluding GST.

2. संयुक्त महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, हैदराबाद हवाई अड्डा, बेगमपेट, कार्य के लिए प्रभारी अभियंता होंगे। आप से अनुरोध है कि आप अनुबंध पर हस्ताक्षर करने और अनुबंध को पूरा करने के लिए। दिनांक 27.04.2023 तक संयुक्त महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, हैदराबाद अंतरराष्ट्रीय हवाई अड्डा, बेगमपेट, कार्यालय में उपस्थित होने का कष्ट करें। अनुबंध करार 100/- रुपये (केवल एक सौ रुपये) के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

The Jt. General Manager (Engg-E), AAI, Hyderabad International Airport, Begumpet, shall be the Engineer-in-Charge for the work. You are requested to attend the office of the Jt. General Manager (Engg-E), AAI, Begumpet Airport, Hyderabad - 500 016 by 27.04.2023 to sign and complete contract agreement. The contract agreement shall be

O/o Jt. General Manager (E-E) Airports Authority of India, Hyderabad International Airport, Begumpet - 500016. Ph : 040-27907639 Email: elect_hyd@aai.aero

हरभजन सिंह / HARBHAJAN SINGH

संयुक्त महाप्रबंधक (विद्युत विभाग) / Joint General Manager (Elec)

भारतीय विमानपत्तन प्राधिकरण / Airport Authority of India

बेगमपेट विमानक्षेत्र / Begumpet Airport

हैदराबाद-500016 / Hyderabad-500016

executed on a non-judicial stamp paper of value Rs.100/- (Rupees One hundred only) and the cost of the stamp papers shall be borne by you.

3. अनुबंध खंड के संख्या 1 ए के खंड जीसीसी के अनुसार, कृपया 5,94,133.00 (रुपये केवल पांच लाख चौरानवे हजार एक सौ तैंतीस मात्र) इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा जमा के रूप में जमा करें। ऐसा न करने पर अनुबंध दस्तावेजों की शर्त के अनुसार आपके चालू बिल से काट लिया जाएगा। As per the clause No.1A of GCC, Please Deposit Rs. 5,94,133.00 (Rupees Five Lakh Ninety Four Thousand One Hundred and Thirty Three 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 bill as per condition of contract documents.
4. आपसे अनुरोध है कि संविदा श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और संविदा श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम तथा केंद्र और राज्य सरकारों के नियमों के प्रावधानों का पालन 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 and minimum wages act and rules there of Central and State Governments.
5. आपको सहायक महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, हैदराबाद अंतरराष्ट्रीय हवाई अड्डा, बेगमपेट, से तुरंत संपर्क करने के लिए भी निर्देशित किया जाता है। जो आपको साइट सौंपने की व्यवस्था करेंगे। You are also directed to contact Asst. General Manager (Engg-Elect), AAI, Hyderabad International Airport, Begumpet immediately who will arrange to hand over the site to you.
6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत निर्धारित समय-सीमा **04 (चार)** माह है और इसे कार्य आदेश जारी होने के 10 वें दिन से गिना जाएगा। Please note that the time allowed for carrying out the work shall be **04 (Four)** months and same shall be reckoned from 10th day after issue of work order.
7. अनुबंध के संबंध में पत्राचार सामान्य रूप से प्रभारी अभियंता को संबोधित किया जाना चाहिए। Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
8. कृपया पावती दें और साथ में संलग्न इस पत्र की डुप्लीकेट प्रति हस्ताक्षर करने के बाद अधोहस्ताक्षरी को स्वीकृति के प्रतीक के रूप में लौटा दें। 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.

सूचना: हिंदी अनुवाद में विसंगति होने के संदर्भ में अंग्रेजी पाठ को अधिकृत माना जाएगा।

Note: In case of discrepancy in Hindi translation the English version shall prevail.

अनुलग्नक/Encl: परिमाण-सूची Schedule of Quantities

भवदीय/Yours Faithfully

संमप्रा (अभि-वि) Jt. General Manager (Engg-E),
कृते अध्यक्ष / For & On Behalf of The Chairman,
भारतीय विमानपत्तन प्राधिकरण Airports Authority of India,
भाविप्रा, हैदराबाद अंतरराष्ट्रीय हवाई अड्डा AAI, Hyderabad International Airport
बेगमपेट / Begumpet - 500 016

Validate Print Help

Item Rate BoQ

Tender Inviting Authority: The Asst.General Manager(Engg-E), AAI, Begumpet Airport.

Name of Work : Housing of 10 No's of PASS (Procedural Approach and Area Simulator) and allied facilities in the existing RGT and NTR Terminal Buildings at Hyderabad Airport, Begumpet. Sub Head : Provision of Air-conditioning System.

Contract No: 2022_AAI_136702_1

Name of the Bidder/ Bidding Firm / Company :		Standard Airconditioning & Refrigeration Engineers				
PRICE SCHEDULE						
NOTE: In the event of no rate has been quoted for any item(s) leaving space (or) amount blank, it will be presumed that the contractor has included the cost of this / these Item(s) in other items and rate for such Item(s) will be considered as zero.						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Ex GST In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Ex GST in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply of air cooled factory assembled Outdoor Units system comprising of Inverter driven Scroll Compressor based Energy Efficient VRF system, Oil, Liquid & Gas balance system, suitable electrical/microprocessor panel/controller, Condenser fan motor(s), Gas charging the system with refrigerent of required quantity with all other essential protections and accessories suitable for operation on 415 +/- 10 % V, 50Hz, 3-Phase AC system etc. with following minimum capacity of the ODU complete as required.	-			-	
1.01	36 HP (combination of 02 individual units of different capacity as approved by AAI)	1	Each	766283.00	766283.00	INR Seven Lakh Sixty Six Thousand Two Hundred & Eighty Three Only
1.02	20 HP (01 unit)	1	Each	337265.00	337265.00	INR Three Lakh Thirty Seven Thousand Two Hundred & Sixty Five Only
2	Installation, Testing and Commissioning of above VRV Outdoor Unit system by making required PCC foundation i/c fixing with MS stand/structures as per site requirement i/c balancing of Liquid & Gas, Lifting / shifting of Outdoor units upto site location etc., complete as required.					
2.01	36 HP	1	Job	36000.00	36000.00	INR Thirty Six Thousand Only
2.02	20 HP	1	Job	27200.00	27200.00	INR Twenty Seven Thousand Two Hundred Only
3	Supply of minimum following capacity VRV/VRF recess mounted following type Indoor Units with stylish front Panel and wireless remote controls suitable for operation on 230 +/- 10 % V, 50Hz, 1-Phase AC system etc. complete as required.					
						हरभजन सिंह / HARBHAJAN SINGH

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3.01	1.5 TR multiflow cassette	1	Each	37600.00	37600.00	INR Thirty Seven Thousand Six Hundred Only
3.02	2.5 TR multiflow cassette	2	Each	45400.00	90800.00	INR Ninety Thousand Eight Hundred Only
3.03	3.2 TR multiflow cassette	2	Each	46500.00	93000.00	INR Ninety Three Thousand Only
3.04	4.0 TR multiflow cassette	3	Each	47500.00	142500.00	INR One Lakh Forty Two Thousand Five Hundred Only
3.05	1.0 TR compact cassette (2X2)	10	Each	33600.00	336000.00	INR Three Lakh Thirty Six Thousand Only
3.06	1.25 TR compact cassette (2X2)	1	Each	33800.00	33800.00	INR Thirty Three Thousand Eight Hundred Only
3.07	1.5 TR compact cassette (2X2)	1	Each	34200.00	34200.00	INR Thirty Four Thousand Two Hundred Only
3.08	4.00 TR Tower/floor standing	4	Each	49900.00	199600.00	INR One Lakh Ninety Nine Thousand Six Hundred Only
4	Installation, Testing and Commissioning of various above capacities VRV/VRF indoor type units of different capacities including supply and fixing of suitable type supports for the units along with all required accessories as per site requirement , i/c interconnection with power supply/earthing/refrigerant connections and making suitable modification and refinishing the false ceiling(if any) as per site requirement etc. complete as required.					
4.01	Multiflow cassette	8	Job	1200.00	9600.00	INR Nine Thousand Six Hundred Only
4.02	Compact cassette	12	Job	1200.00	14400.00	INR Fourteen Thousand Four Hundred Only
4.03	Tower/Floor standing	4	Job	1200.00	4800.00	INR Four Thousand Eight Hundred Only
5	Supply and Fixing of Refnet Joints at required locations in the refrigerent pipe line etc., complete as required.	1	Job	175000.00	175000.00	INR One Lakh Seventy Five Thousand Only
6	Supply, Laying and connecting of OEM recommended multi core copper conductor cable and copper refrigerent Piping (Liquid and Gas) with 13mm thick nitrile insulation for pipes upto 25mm dia and 19mm thick for pipes above 25mm dia etc. with necessary supports, fittings etc. as per site requirement complete as required.	300	Mtr	1891.00	567300.00	INR Five Lakh Sixty Seven Thousand Three Hundred Only
7	Supply and laying/fixing of UPVC pipe of suitable size insulated with 9mm thick Nitrile rubber insulation with suitable U-clamps/supports above false ceiling/in the floor by cutting the flooring/wall by minor civil works i/c making good the damages to the original finish with all required accessories i/c elbow, tees, reducers etc. for draining out the water including interconnection of drain pipe etc. complete as required.	200	Mtr	223.00	44600.00	INR Forty Four Thousand Six Hundred Only
8	Supply and installation of suitable size PVC stuff boxing for enclosing of above multi core cable and copper piping with insulation having openable top cover on the wall/floor i/c providing required supports for smooth finish and aesthetic look etc. complete as required.	50	Mtr	650.00	32500.00	INR Thirty Two Thousand Five Hundred Only
9	Supplying and fixing FP sheet steel enclosure on surface/ recess along with 63 amps 415 volts FP MCB complete with connections, testing and commissioning etc. as required	3	Each	1914.00	5742.00	INR Five Thousand Seven Hundred & Forty Two Only
10	Pressure testing and commissioning of the above entire VRV system of below system capacity etc. upto the satisfaction of Engineer-in-charge complete as required.					
10.01	36 HP (combination of 02 individual units)	1	Job	20000.00	20000.00	INR Twenty Thousand Only
10.02	20 HP (01 unit)	1	Job	15000.00	15000.00	INR Fifteen Thousand Only

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11	Supply and laying of following sizes of PVC insulated, 1.1KV grade, multi core copper conductor flexible cable conforming to IS 694:1990 with suitable supports/clamps at regular intervals in ground/cable tray/surface/pipe/floor from mains/DB to the ODUs of Air conditioners etc. complete as required.					
11.01	4C X 10 Sq.mm	150	Mtr	455.00	68250.00	INR Sixty Eight Thousand Two Hundred & Fifty Only
12	Supplying, Installation, Testing and Commissioning of minimum 3.8 TR Floor mounted AC system having remote Operation and Rotary/scroll compressor suitable for running on 415 V +/- 10 %, 50Hz, 3-Ph A.C supply including iron stand for IDU and Iron angle i/c minor civil works for ODU along with the supply and laying of standard length of copper refrigerant liquid and suction pipe and Cu conductor multi core cable as per manufacturer recommendation by drilling necessary hole on the concrete wall and making good the damages(if any) etc. with all necessary protections and features as per OEM etc. complete as required.	6	Job	114928.00	689568.00	INR Six Lakh Eighty Nine Thousand Five Hundred & Sixty Eight Only
13	Supply and Laying of additional length of suitable size refrigerant Copper piping along with insulation and suitable size FR PVC insulated multicore Cu conductor cable as per manufacturer recommendation as required for connection between indoor and outdoor units of above floor mounted DX Tower AC's of above capacity etc. complete as required.	100	Mtr	990.00	99000.00	INR Ninety Nine Thousand Only
14	Supply and Laying of additional length of suitable size hard PVC pipe for draining out the water for above DX type Tower AC etc. complete as required.	100	Mtr	75.00	7500.00	INR Seven Thousand Five Hundred Only
15	SITC of Water Cooler with inbuilt RO based 7 stage water purification system with 80 Ltrs storage capacity and 50 LPH purification capacity having two faucets , gas as refrigerant and compressor complete with all accessories and standard manufacturer design suitable for operation on 230V+/-10%V, 50 Hz, 1-Phase AC supply etc. complete as required.	2	Job	85784.00	171568.00	INR One Lakh Seventy One Thousand Five Hundred & Sixty Eight Only
16	Supplying and fixing 20 A, 415 V, TPN Industrial type socket outlet, with 4 pole and earth, plug top alongwith 20 A "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained cover for the socket out let and complete with connections, testing and commissioning etc. as required.	5	Each	3723.00	18615.00	INR Eighteen Thousand Six Hundred & Fifteen Only
17	Supply, installation, balancing and commissioning of factory fabricated following size GSS sheet rectangular/round ducting with neoprane rubber gaskets, elbows, hangers, supports etc. supported with GI slotted angles/MS supports with threaded rods as per the approved drawings complete as required.					
17.01	Thickness 0.63 mm sheet	340	Sqm	980.00	333200.00	INR Three Lakh Thirty Three Thousand Two Hundred Only
17.02	Thickness 0.80 mm sheet	340	Sqm	1141.00	387940.00	INR Three Lakh Eighty Seven Thousand Nine Hundred & Forty Only
17.03	Thickness 1.00 mm sheet	85	Sqm	1336.00	113560.00	INR One Lakh Thirteen Thousand Five Hundred & Sixty Only
17.04	Thickness 1.25 mm sheet	85	Sqm	1490.00	126650.00	INR One Lakh Twenty Six Thousand Six Hundred & Fifty Only
18	Supplying, fixing testing commissioning of supply air diffusers of powder coated aluminium without volume control damper with anto smudge ring & removeable core.	25	Sqm	5750.00	143750.00	INR One Lakh Forty Three Thousand Seven Hundred & Fifty Only

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19	Supplying, fixing testing commissioning of return air diffusers of powder coated aluminium without volume control damper with anto smudge ring & removeable core.	25	Sqm	4890.00	122250.00	INR One Lakh Twenty Two Thousand Two Hundred & Fifty Only
20	Supplying and fixing of 19mm thickness duly laminated aluminum foil of mat finish closed cell nitrile rubber (Class " O") insulation on existing duct after appying suitable adhesive for nitrile rubber. The joints shall be sealed with nitrile rubber tape insulation complete as required.	850	Sqm	698.00	593300.00	INR Five Lakh Ninety Three Thousand Three Hundred Only
21	Supply, Installation, balancing and commissioning of GI volume control duct damper complete with neoprene ruber gaskets, nuts, bolts, screws linkages, flanges etc, as per specification.	6	Sqm	7165.00	42990.00	INR Forty Two Thousand Nine Hundred & Ninety Only
Total in Figures					5941331.00	INR Fifty Nine Lakh Forty One Thousand Three Hundred & Thirty One Only
Quoted Rate in Words		INR Fifty Nine Lakh Forty One Thousand Three Hundred & Thirty One Only				



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Signature Not Verified

Digitally signed by BUSIREDDY SUDHAKAR REDDY
Date: 2023.06.08 16:04:01 IST
Location: eProcurement System for Central PSUs

