

भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

Ref. No. AAI/KUSHL/ENGG.-(E)/WO-2/2020-21/2067

DATE:- 08.06.2020

सेवा में,

To,

मेसर्स एस.जी. टेक्नोफैब प्राइवेट लिमिटेड,
ब्रांच ऑफिस - 1216, सेक्ट-37,
फरीदाबाद - 121003

M/s S.G. Technofab Pvt. Ltd.
B.O. - 1216, Sec - 37,
Faridabad - 121003

[E - Bid No. - 2020_AAI_42770_1]

कार्य का नाम:- प्रोविसन ऑफ एयर-कंडिशनिंग ऑफ टर्मिनल बिल्डिंग फॉर आरसीएस
ऑपरेशन एट कुशीनगर एयरपोर्ट |

Name of Work: - Provision of Air-Conditioning of Terminal Building for RCS
Operation at Kushinagar Airport.

Ref:- आपका ई-टेंडर पोर्टल 17.03.2020 को खोला गया

Your E-Tender portal opened on 17.03.2020.

Sir,

1. उपरोक्त उल्लिखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गये मद मूल्यों पर आपकी टेंडर राशि कुल ₹ 37,93,646/- (शब्दों में सैंतीस लाख तिरानवे हजार छः सौ छियालीस मात्र) है, जोकि टेंडर की जायज़ लागत ₹ 63,08,379/- से 39.86% कम है।

निम्नलिखित दस्तावेज़ अनुबंध का हिस्सा है।

- i) निविदा दस्तावेज़ और उपक्रम ई पोर्टल के माध्यम से भेजें।
- ii) QPBG (Quality Protection Bank Guarantee)।

Your tender for the above mentioned work submitted through e-portal is hereby accepted on behalf of Chairman, Airports Authority of India at the items rates quoted by you amounting to ₹ 37,93,646/- (**Rupees Thirty Seven Lakhs Ninety Three Thousand Six Hundred Forty Six Only**) which is 39.86% below the Justified cost put to tender of ₹ 63,08,379/-

Following documents will form part of contract:

- i) Tender documents and undertaking submitted through e-portal.
- ii) QPBG (Quality Protection Bank Guarantee).

2. सहा० महा प्रबंधक (इंजी-विद्युत), गोरखपुर विमानपत्तन कार्य के प्रभारी अभियन्ता होंगे। आपसे निवेदन है कि आप दिनांक 18.06.2020 तक सहा० महा प्रबंधक (इंजी-विद्युत), गोरखपुर विमानपत्तन के कार्यालय में उपस्थित हों या आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर के लिए अधिकृत हो तथा करारनामे को पूरा करें / ठेके का करारनामा ₹ 100/- उत्तर

भारतीय विमानपत्तन प्राधिकरण

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प्रदेश के नोनज्यूडीशियल स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा उठाया जाएगा।

Asstt. Gen. Manager (E-E), AAI, Civil Airport, Gorakhpur shall be the Engineer-In-charge of the work. You are requested to attend the office of AGM (E-E), AAI, Civil Airport, Gorakhpur by **18.06.2020** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value ₹ 100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

3. आपके टेंडर के साथ प्राप्त धरोहर राशि ₹ 1,26,168/- (₹ एक लाख छब्बीस हजार एक सौ अड़सठ रुपये मात्र) ठेके के दस्तावेज से पृष्ठ GCC-17 पर दी गई खंड 1A के अनुसार जमानत परिवर्तित कर दी गई है कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि कि बकाया ₹ 2,53,197/- (₹ दो लाख तिरपन हजार एक सौ संतानवे मात्र) जमा कर दे, अन्यथा ठेके के करारनामे में दी शर्त के अनुसार इतनी ही राशि आपके रनिंग बिलों से काट ली जाएगी।

The earnest money amount of ₹ 1,26,168/- (Rupees One Lakhs Twenty Six Thousand One Hundred Sixty Eight Only) received along with your tender will be treated and converted as part of Security Deposit as per condition of clause-1A on page GCC-17 of contract documents. Please deposit ₹ 2,53,197/- (Rupees Two Lakhs Fifty Three Thousand One Hundred Ninety Seven 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 on page GCC-17 of the contract document.

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकार के 1970 के अधिनियम अनुबंध, श्रम नियम तथा 1971 केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का करें।

You are requested to comply with the provisions of contract labour (Regulation and Abolition) act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments including Provident Fund.

5. श्रम के विभिन्न विधानों के अनुसार संबन्धित अधिकारियों से लाइसेंस/अनुमति लेने व पालन करने के लिए एकमात्र दायित्व ठेकेदार (करार फ़र्म/कंपनी सहित) का होगा जिसमें संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम, 1970 के अंतर्गत लेबर लाइसेंस लेना भी शामिल है।

It shall be the sole liability of the contractor (including the contracting firm/company) to obtain and to abide by all necessary licenses/permissions from the authorities concerned as provided under the various labour legislations including the labour license obtained as per the provisions of the Contract Labour (Regulation & Abolition) Act, 1970.



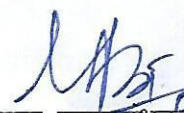
भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

6. ठेकेदार को उसके द्वारा तैनात कर्मियों का नियमित और प्रभावी पर्यवेक्षण और नियंत्रण सुनिश्चित करना होगा और संविदात्मक दायित्वों के पालन के लिए उपयुक्त दिशा देना होगा।
The contractor shall ensure regular and effective supervision and control of the personnel deployed by him and give suitable direction for undertaking the contractual obligations.
7. आपके निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (इंजी-विद्युत)/प्रबंधक(इंजी-विद्युत), गोरखपुर विमानपत्तन, से मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।
You are also directed to contact AGM (E-E)/Manager (E-E) Gorakhpur Airport immediately who arrange to hand over the site to you.
8. कृपया नोट कर ले कि काम करने का अनुमानित समय 02 (दो) माह है, जोकी दिनांक 18.06.2020 से गिना जाएगा /
Please note that the time allowed for carrying out the work shall be 02 (Two) months and same shall be reckoned from 18.06.2020. Time is essence of the contract.
9. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहायक महा प्रबंधक (इंजी-विद्युत), गोरखपुर के पते पर किया जाए /
Any further corresponding in connection with the contract should normally be addressed to the Engineer-in- charge.
10. रसीद स्वीकार करते हैं और इस स्वीकृति के टोकन के रूप में अधोहस्ताक्षरी को हस्ताक्षर करने के बाद इसके साथ संलग्न पत्र की दूसरी प्रति वापस भेजे /
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.
11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी प्रारूप ही मान्य होगा।
In case any discrepancy is found then English version will be taken as correct.

धन्यवाद |

संलग्नक:- Schedule of Quantity (Page no. 01 to 04)

भवदीय/Yours Faithfully


सहायक महाप्रबंधक (इंजी-विद्युत)
भारतीय विमानपत्तन प्राधिकरण
सिविल एयरपोर्ट, गोरखपुर (उ०प्र०)

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

प्रतिलिपि :

1. क्षेत्रीय कार्यपालक निदेशक, उत्तरी क्षेत्र, भा.वि.प्रा, ऑपरेशनल कॉम्प्लेक्स गुडगाव रोड नई दिल्ली -110 037
2. कार्यपालक निदेशक (अभियांत्रिकी)- उत्तरी क्षेत्र, भा.वि.प्रा, राजीव गांधी भवन, सफदरजंग हवाईअड्डा, नई दिल्ली -110 003
3. महाप्रबंधक (इंजी-विद्युत) उत्तरी क्षेत्र, भा.वि.प्रा, ऑपरेशनल कॉम्प्लेक्स गुडगांव रोड नई दिल्ली -110 037
4. संयुक्त महाप्रबंधक (इंजी-विद्युत) भा.वि.प्रा, चौधरी चरण सिंह अन्तरराष्ट्रीय हवाईअड्डा, लखनऊ, उत्तर प्रदेश -226 009
5. उप महाप्रबंधक (वित्त) भा.वि.प्रा, चौधरी चरण सिंह अन्तरराष्ट्रीय हवाईअड्डा, लखनऊ, उत्तर प्रदेश -226 009
6. निदेशक विमानपत्तन भा.वि.प्रा, सिविल हवाईअड्डा, गोरखपुर।
7. वरिष्ठ प्रबंधक (इंजी- सिविल) भा.वि.प्रा, सिविल हवाईअड्डा, गोरखपुर – कृपया आप से अनुरोध है कि उक्त कार्य से संबन्धित सिविल कार्य अतिशीघ्र शुरू किया जाए जिससे कि तय समय सीमा में विद्युत कार्य पूरा किया जा सके।
8. भविष्य निधि आयुक्त, कार्मेल गर्ल्स स्कूल के सामने, लेबर कैंप, सिविल लाइंस, गोरखपुर – 273 009
9. सहायक श्रम आयुक्त, डी-138, फर्टिलाइज़र टाउनशिप, पोस्ट ऑफिस- फर्टिलाइज़र फैक्ट्री, गोरखपुर-273007
10. सहायक श्रम आयुक्त, नियर काली जी मंदिर मोहल्ला. शाहगंज दक्षिणी, कुशीनगर।
11. प्रबंधक (अभि-विद्युत), भा.वि.प्रा, सिविल हवाईअड्डा, गोरखपुर।
12. कनिष्ठ कार्यपालक (अभि-विद्युत), भा.वि.प्रा, सिविल हवाईअड्डा, गोरखपुर।
13. करारनामा प्रतिलिपि।
14. संबन्धित कार्य फ़ाइल।


सहायक महाप्रबंधक (अभि-विद्युत)
भारतीय विमानपत्तन प्राधिकरण
सिविल एयरपोर्ट, गोरखपुर (उ०प्र०)

SCHEDULE OF QUANTITY

Name of Work:- Provision of Air-Conditioning of Terminal Building for RCS Operation at Kushinagar Airport.

Sl. No.	Item Description	Quantity	Units	Rate	Amount	Amount (in words)
1	2	3	4	5	6	7
1	Supply, lifting, shifting, local transport, port clearance, insurance, installation, testing and commissioning of VRV/VRF outdoor units (ODU) with R410A refrigerant complete with hermetic SCROLL Inverter compressor , anti corrosive fin heat exchanger, refrigerant shut off valves, safety devices, inverter controller, multi step function to meet load fluctuation, axial flow quiet operation condenser fans, MS support stand suitable for ODU with 2 coats of synthetic primer and 1 coat of enamel paint, starter panel, microprocessor based control panel, modular type construction, safety devices, controls, fault alarm indications, memory storage, hydrophilic coated condenser coil with copper tube and copper header, condenser guard, fan guard, CRC coated outer casing, vibration isolators, compressor jacket, as per the specification The VRV systems should have both heating & cooling modes. The COP at AHRI conditions shall not be less than 3.1 & IEER not less than 6.5. The ODU must deliver COP of minimum 4.7 at 50% load. Contractor need to get the COP tested at NABL/AHRI Certified Laboratory. The unit shall deliver the rated capacity at AHRI Conditions and work even at 50 Deg C Ambient temperatures without tripping. The capacity shall be as indicated below. MAKE --- LG / Mitsubishi Electric / Voltas/Equivalent AAI approved make					
1.01	Terminal Building for Departure:- 80 HP with All inverter compressor (20 HP 4 nos only or any other combination totalling to 80HP as suggested by OEM)	1.00	No	913469.00	913469.00	INR Nine Lakh Thirteen Thousand Four Hundred & Sixty Nine Only
1.02	Guest House at Arrival:- 20 HP with All inverter compressor	1.00	No	228367.00	228367.00	INR Two Lakh Twenty Eight Thousand Three Hundred & Sixty Seven Only
1.03	Terminal Building for Departure - For Treated Fresh Air:- 22 HP with All inverter compressor	1.00	No	234730.00	234730.00	INR Two Lakh Thirty Four Thousand Seven Hundred & Thirty Only
2	VRV / VRF INDOOR UNIT:- Supply, installation and commissioning of 4-way cassette type direct expansion indoor units with individual blade control for all the four directions including blower, TEFC blower motor, suitable for operation on 240 ± 10% volts, 1 phase, 50 Hz A.C. supply, copper tube aluminium finned direct expansion cooling coil, pre filters, electronic expansion valve with cordless remote and control wiring, drain connections with anti-vibration mountings. Fresh Air connection etc., as required and as per schedule of equipment and specifications. Cooling Capacity MAKE --- LG / Mitsubishi Electric / Equivalent AAI approved make					
2.01	1.0 TR Nominal Capacity	10.00	No	29700.00	297000.00	INR Two Lakh Ninety Seven Thousand Only
2.02	1.28 TR Nominal Capacity	9.00	No	30039.00	270351.00	INR Two Lakh Seventy Thousand Three Hundred & Fifty One Only
2.03	1.57 TR Nominal Capacity	6.00	No	30378.00	182268.00	INR One Lakh Eighty Two Thousand Two Hundred & Sixty Eight Only
2.04	2.0TR Nominal Capacity	18.00	No	30717.00	552906.00	INR Five Lakh Fifty Two Thousand Nine Hundred & Six Only

Sl. No.	Item Description	Quantity	Units	Rate	Amount	Amount (in words)
1	2	3	4	5	6	7
2.05	4TR Nominal Capacity	6.00	No	32412.00	194472.00	INR One Lakh Ninety Four Thousand Four Hundred & Seventy Two Only
3	VRV / VRF PIPING & ELECTRICAL WORK:- Supply & installation of 18G, hard drawn copper Refrigerant piping, duly insulated with closed cell elastomeric nitrile rubber insulation, class-o, covered with fiber glass cloth and two layers of shield coating, complete with elbows, T joints, sleeves etc., with GSS slotted rail supporting arrangement and GI clamp for individual pipes.					
3.01	54.1 mm OD (Insulation = 19mm thick)	1.00	Mtr.	1906.00	1906.00	INR One Thousand Nine Hundred & Six Only
3.02	41.3 mm OD (Insulation = 19mm thick)	35.00	Mtr.	1350.00	47250.00	INR Forty Seven Thousand Two Hundred & Fifty Only
3.03	34.9 mm OD (Insulation = 19mm thick)	20.00	Mtr.	1020.00	20400.00	INR Twenty Thousand Four Hundred Only
3.04	28.6 mm OD (Insulation = 19mm thick)	50.00	Mtr.	748.00	37400.00	INR Thirty Seven Thousand Four Hundred Only
3.05	22.2 mm OD (Insulation = 13mm thick)	50.00	Mtr.	628.00	31400.00	INR Thirty One Thousand Four Hundred Only
3.06	19.1 mm OD (Insulation = 13mm thick)	70.00	Mtr.	506.00	35420.00	INR Thirty Five Thousand Four Hundred & Twenty Only
3.07	15.9 mm OD (Insulation = 13mm thick)	80.00	Mtr.	438.00	35040.00	INR Thirty Five Thousand & Forty Only
3.08	12.7 mm OD (Insulation = 13mm thick)	80.00	Mtr.	329.00	26320.00	INR Twenty Six Thousand Three Hundred & Twenty Only
3.09	9.5 mm OD (Insulation = 13mm thick)	80.00	Mtr.	281.00	22480.00	INR Twenty Two Thousand Four Hundred & Eighty Only
3.10	6.4 mm OD (Insulation = 13mm thick)	80.00	Mtr.	231.00	18480.00	INR Eighteen Thousand Four Hundred & Eighty Only
4	Supply, fixing and commissioning of imported refrigerant joint / Branch distributors indoor to outdoor complete with nitrile rubber insulation, supporting etc.	17.00	Set	5835.00	99195.00	INR Ninety Nine Thousand One Hundred & Ninety Five Only
5	Supply, Installation & testing of PVC pipes for drain pipes with 9 mm thick insulation upto the shaft as per specifications and approved drawings from the each indoor unit to respective drain pointed as indicated in the layout drawing.					
5.01	50 mm dia	10.00	Mtr.	191.00	1910.00	INR One Thousand Nine Hundred & Ten Only
5.02	40 mm Dia	30.00	Mtr.	162.00	4860.00	INR Four Thousand Eight Hundred & Sixty Only
5.03	32 mm Dia	50.00	Mtr.	110.00	5500.00	INR Five Thousand Five Hundred Only
5.04	25 mm Dia	90.00	Mtr.	99.00	8910.00	INR Eight Thousand Nine Hundred & Ten Only
6	Supply & installation of 2 coreX 1.5 Sq.mm control cum transmission wiring interconnecting outdoor units to all indoor units wiring through PVC FRLS conduit .	400.00	Mtr.	104.00	41600.00	INR Forty One Thousand Six Hundred Only

[Signature]

Sl. No.	Item Description	Quantity	Units	Rate	Amount	Amount (in words)
1	2	3	4	5	6	7.
7	Electrical power & Control cabling complete with earthing .The isolator switch to the outdoor units . Power & control cable should be 1.1 KV grade Cu conductor, PVC armoured cables . Cable price should include cost of end termination also. Please note power shall be terminated through a suitable isolator near the outdoor unit by other agency.					
7.01	4C x 25 sqmm - CU Armoured					
7.02	4C x 16 sqmm - CU Armoured	120.00	Mtr.	886.00	106320.00	INR One Lakh Six Thousand Three Hundred & Twenty Only
7.03	4C x 10 sqmm - CU Armoured	100.00	Mtr.	610.00	61000.00	INR Sixty One Thousand Only
7.04	4C x 6 sqmm - CU Armoured	25.00	Mtr.	442.00	11050.00	INR Eleven Thousand & Fifty Only
8	Electrical power & Control cabling complete with earthing for indoor unit. Power & control cable should be 1.1 KV grade Cu conductor, PVC Flexible cables . Cable price should include cost of end termination also. Please note power shall be terminated through a suitable isolator near the Indoor unit by other agency.	20.00	Mtr.	304.00	6080.00	INR Six Thousand & Eighty Only
8.01	3C x 6Sqmm - Cu Flexible cable					
8.02	3C x 4Sqmm - Cu Flexible cable	40.00	Mtr.	373.00	14920.00	INR Fourteen Thousand Nine Hundred & Twenty Only
8.03	3C x 2.5Sqmm - Cu Flexible cable	30.00	Mtr.	319.00	9570.00	INR Nine Thousand Five Hundred & Seventy Only
9	Supply and fixing of following GI flats / wires including all necessary fixing accessories and effective connections with copper riveting / welding etc as approved	30.00	Mtr.	275.00	8250.00	INR Eight Thousand Two Hundred & Fifty Only
9.01	8 SWG GI wire					
10	SITC of circular/cabinet inline fan complete with motor, cabling between starter and fan etc.	200.00	Mtr.	41.00	8200.00	INR Eight Thousand Two Hundred Only
10.01	500CFM with 10mm Static					
10.02	400CFM with 10mm Static	1.00	No	9705.00	9705.00	INR Nine Thousand Seven Hundred & Five Only
10.03	300CFM with 10mm Static	2.00	Nos	8575.00	17150.00	INR Seventeen Thousand One Hundred & Fifty Only
10.04	200CFM with 6mm Static	1.00	No	7445.00	7445.00	INR Seven Thousand Four Hundred & Forty Five Only
10.05	100CFM with 6mm Static	1.00	No	6880.00	6880.00	INR Six Thousand Eight Hundred & Eighty Only
11	M.S. Structure/ Work	1.00	No	6315.00	6315.00	INR Six Thousand Three Hundred & Fifteen Only

Handwritten signature

