



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

ISO 9001:2015
&
ISO 14001:2015

संदर्भ सं : Ref.No. AAI/RJY/ENGG(E)/ALCMS/2020-21/ 95-106 दिनांक/ Date: 28.01.2021

सेवा में/To,

// Speed Post / Email //

M/s.Nasu Systems,
503-A, Amrat Society,
Jaywant Sawant Road,
Dahisar (W),
Mumbai - 400068.
Email: info@nasusystems.com

कार्य का नाम/

**Name of Work: SITC of Airfield Lighting Control and Monitoring System (ALCMS) Including
ACMC of Three Years at Rajahmundry Airport**

स सं. Ref : 1. Tender ID : 2021_AAI_66721_1.
2. Your e-tender (Envelope-II - Financial bid) opened on 25.01.2021.

महोदय/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 totalling to **₹ 19,56,969/- (Rupees Nineteen Lakhs Fifty Six Thousand Nine Hundred and Sixty Nine only) plus GST@ 18%** which is 20.42% below the estimated cost put to tender of ₹24,59,122/-plus GST@ 18%.
2. Asst. General Manager (Engg-Elect), AAI, Rajahmundry 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, Rajahmundry Airport by 11.02.2021 to sign and complete the 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 papers shall be borne by you.
3. Please deposit **₹ 1,95,697/- (Rupees One Lakh Ninety Five Thousand Six Hundred and Ninety Seven only)** towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from yours running bills as per condition of clause 1A (Recovery of Security Deposit) of GCC of contract document.
4. You are requested to comply with the provision 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.

Contd...2.

सहायक महा प्रबंधक (अ.वि.)
Asst. General Manager (Engg-Elect)
विमानपत्तन प्राधिकरण

विमानपत्तन निदेशक का कार्यालय, राजमंड्री हवाई अड्डा, मधुरापुरी पोस्ट (पश्चिम) राजमंड्री - 533 102.
O/o The Airport Director, Rajahmundry Airport, Madurapudi (Post) Rajahmundry - 533 102.
टेली फैक्स/Tele - FAX: 0883-2487852, दूरभाष/Phone: 0883-2020171, 533 102
राजमंड्री/Rajahmundry, Engg-E: 0883-2020171



भारतीय विमानपत्तन प्राधिकरण
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: 2 :

5. You are also directed to contact Manager(Engg-E) / Jr. Executive(Engg-E), AAI, Rajahmundry Airport immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **03 (Three) Months** and same shall be reckoned from **06.02.2021**.
7. The agency has to enter into a supplementary agreement with AAI for the CMC part (SH-III CMC part) not later than 30 days of certified date of completion of SITC of ALCMS and Supply & Laying of OFC cable.
8. Any further correspondence in connection with the contract should normally be addressed to the Asst. General Manager (Engg-Elect), AAI, Rajahmundry Airport, Rajahmundry -533102.
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.

अनुलग्नक/Encl:Schedule of Quantities.

भवदीय/Yours Faithfully,

(एम. मुत्थमिलन / M. MUTHAMILAN)
सहायक महा प्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E)
भा वि प्रा.राजमंड्री हवाई अड्डा/AAI, Rajahmundry Airport
अध्यक्ष के लिए एवं की ओर से/For & On Behalf of The Chairman
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India

NOO:-

Copy to :
external

1. GM(Engg), AAI, S/R, Chennai Airport, Chennai
2. GM(Finance), S/R, Chennai Airport, Chennai
3. Jt.GM(Engg-E), AAI, Vijayawada Airport, Vijayawada.
4. Jt.GM (Vigilance), AAI, S/R, Chennai Airport, Chennai
5. Labour Enforcement Officer (Central), Sr.SE/Tele. Building, Railway Station Premises, Rajahmundry-533101, E.G.Dt.,

Internal:

1. Airport Director, AAI, Rajahmundry Airport, Rajahmundry
2. Manager (F&A), AAI, Rajahmundry Airport, Rajahmundry – FC dated 27.01.2021
3. Manager (Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
4. Jr.Executive (Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
5. Supervisor(Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
6. Concerned File.

(एम. मुत्थमिलन / M. MUTHAMILAN)
सहायक महा प्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E)

विमानपत्तन निदेशक का कार्यालय, राजमंड्री हवाई अड्डा, मधुरपूडि पोस्ट, राजमंड्री – 533 102.

O/o The Airport Director, Rajahmundry Airport, Madhurapudi (Post), Rajahmundry - 533 102.

टेली फैक्स/Tele - FAX: 0883-2487852, दूरभाष / Phone: 0883-2020111, Engg-E: 0883-2020171

सहायक महा प्रबंधक (अ.वि.)
Asst General Manager (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
राजमंड्री हवाई अड्डा/Rajahmundry Airport
राजमंड्री/Rajahmundry 533 102

Schedule of Quantities

Name of work : SITC of Airfield Lighting Control and Monitoring System (ALCMS) Including ALCMS of Three Years at Rajahmundry Airport.

S.No.	Description	Qty.	Unit	Rate (₹)	Amount (₹)
	SH I: SITC of ALCMS				
1	Design, supply, installation, testing & commissioning of Airfield Lighting Control & Monitoring System (ALCMS), Type 'L 890 BB' to the requirements of FAA Advisory Circular No. AC 50/5345 - 56B (Current edition) and additional circuits/ mechanisms/ interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits such as Landing - H, Wind cones, Apron High Mast flood lights Beacon lights etc., as mentioned in Annexure-1, to make them compatible with ALCMS, Data & Power Cabling, Earthing etc., including spare PLC and I/O modules, all hardware and software, licenses & other items as required for successful operation of the system in line with the scope of work, details of equipments, equipments specification, performance criteria etc., complete as required. Two vault processor should be provided both running in parallel for redundancy in operation etc as required. (ALCMS Make: ADB Safegate/Eaton Crouse - Hind/Flight Light/Honeywell/ NASU Systems/Electro Systems)	1	Job	1,143,000.00	1143000.00
	SH II: Supply and Laying of OFC cable				
2	Supply and laying of Single mode 6 core, armoured Optic Fibre Cable (OFC) (ISI marked) conforming to ITU-T G.652 and IEC- 60794 with up to date amendments, etc., complete as required. through existing HDPE pipe of 40 mm dia.	935	Mtr	99.00	92565.00
3	Supply and laying of HDPE pipe of PN 6 and PE 63 of following size ISI marked, HDPE pipe along with all accessories like socket, bend, couplers etc., conforming to IS 14930, Part II with up to date amendments complete as required in the existing existing RCC/HUME/metal pipe/ masonry duct 40 mm dia	798	Mtr	108.00	86184.00
4	Supply and laying of HDPE pipe of PN 6 and PE 63 of following size ISI marked, HDPE pipe along with all accessories like socket, couplers etc., conforming to IS 14930, Part II with up to date amendments complete as required on wall surface/cable tray with necessary Clamps/Cable ties at required intervals as required. 40 mm dia	137	Mtr	144.00	19728.00


सहायक महा प्रबंधक (अ. वि.)
Asst General Manager (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
राजमंड्री हवाई अड्डा, राजहमंड्री 533 102

S.No.	Description	Qty.	Unit	Rate (₹)	Amount (₹)
5	Supply and fixing of Single mode 6 core, armoured Optic Fibre Cable (OFC) (ISI marked) conforming to ITU-T G.652 and IEC- 60794 with up to date amendments, etc., as loop inside the vault processors/Open duct/ surface including providing cable tie/ mounting clamps etc., complete as required.	42	Mtr	126.00	5292.00
6	Fabrication, supply and installation of suitable size wall mounted, 1.2mm thickness CRCA Steel sheet Enclosure box with DIN rail, 01 No. 2 Pole 10A MCB, 01 No. 2 pole 9A Contactor with INO+INC aux.add on block, interconnected wiring between contactor & MCBs, connectors,screws, etc as required to connect the Beacon control circuit.	1	Job	27000.00	27000.00
	Total of SH:I & SH:II				1373769.00
	SH III: CMC OF ALCMS				
7	All inclusive comprehensive maintenance of complete ALCMS & other related hardwares and softwares including all spares and consumables, providing full support during breakdown & trouble shooting, programming, carrying out quarterly routine maintenance checks, preventive and breakdown maintenance etc. as required as per good engineering practices, recommendations of the respective equipment manufacturers and instructions of engineer-in-charge for maintaining the systems. This includes keeping the system in acceptable functional and serviceable state etc. as specified including cost of all spare parts.				
7.1	First Year (after Completion of DLP)	12	Months	16,200.00	194,400.00
7.2	Second Year (after completion of DLP)	12	Months	16,200.00	194,400.00
7.3	Third Year (after completion of DLP)	12	Months	16,200.00	194,400.00

Total of SH:III : Rs. 583200.00

Total (SH:I +SH:II+SH:III): 1956969.00

Add: GST @ 18% 352254.42

Grand Total:Rs. 2309223.42

Say Rs. 2309223.00

Rupees Twenty Three Lakh Nine Thousand Two Hundred and Twenty Three Only

Signature Not Verified

Digitally signed by MUTHUKUMARASAMY MUTHAMILAN
Date: 2021.02.04 16:25:02 IST
Location: eProcurement System for Central PSUs

A.G.M.(Engg-E)

AAI/Rajahmundry Airport

सहायक महा प्रबंधक (अ.वि.)

Asst General Manager (Engg-Elect)

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India

राजमंड्री हवाईअड्डा/ Rajahmundry Airport

राजमंड्री/Rajahmundry 533 102