



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

मदुरै हवाई अड्डा, मदुरै - 625 022.

MADURAI AIRPORT, MADURAI - 625 022.

(ISO 9001 - 2015 & 14001 - 2015 प्रमाणित / CERTIFIED)

भा.भा.वि.प्रा./मदुरै/इ(वि)/MDU-392/24-25

Ref: AAI/MDU/E-E/MDU-392/24-25

दि:/Date: 01.07.2024

सेवा में /To,

M/s. NASU Systems,
Jaywant Sawant Road,
Dahisar (W),
Mumbai - 400 068
Mob: +91-22-2892 3672
Email: info@nasusystems.com nasusystems@yahoo.com

विषय/Sub : SITC of ALCMS and allied works including all inclusive Comprehensive Maintenance contract, at Madurai Airport

संदर्भ/Ref: Your e-tender (Financial bid-2024 AAI 185164 1) Opened on 13.05.2024

महोदय/Dear sir(s),

- 1) Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 60,44,586.14 (Rupees Sixty Lakhs Forty Four Thousand Five Hundred Eighty Six and Fourteen paise Only)** plus applicable GST which is 39.66%% below the Estimate/Justified cost put to tender of Rs. 10018374.00 plus applicable GST.
- 2) Manager (Engg-Elect.), Airports Authority of India, Madurai Airport, Madurai-625 022, shall be the Engineer-in-charge of the work.
- 3) You are requested to attend the office of the Manager (Engg-Elect.), AAI, Madurai Airport by **10.07.2024** 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). The tender document (GCC-2017) shall be downloaded and signed in each page which shall form part of the agreement. The entire cost towards stamp paper, downloading and printing tender document (GCC-2017) shall be borne by the contractor.
- 4) As per relevant clause of GCC-2017, which is a part of the contract agreement, security deposit @ 10% (Ten Percent) to be submitted, which shall be released after successful completion of Defects Liability Period, which shall be **Twelve Months** from the certified date of completion for SITC works and **Six Months** for AICMC.

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विमानपत्तन निदेशक का कार्यालय, मदुरै हवाई अड्डा, मदुरै - 625 022.

O/o The Airport Director, Madurai Airport, Madurai - 625 022.

दूरभाष / Tel : 0452-2690717 / फैक्स / Fax : 0452 - 2690151, 2690305 E-mail : apdmadurai@aii.aero



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-2-

- 5) 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, Child Labour (Prohibition and Regulation) and Act 1986, Construction workers (Regulation of employment and conditions of service) Act 1996, Building and other construction workers welfare cess Act 1996 as specified in Clause-19 on Page No.49 of GCC of tender and rules of Central and State Governments.
- 6) You are also directed to contact Manager (Engg-Elect)-I, AAI, Madurai Airport immediately who will arrange to hand over the site to you.
- 7) Please note that the time allowed for carrying out the work shall be **04 (Four) Months** for SITC works and same shall be reckoned from the 10th day of this order. Five year AICMC which shall be start after the completion of Defect Liability Period of SITC works.
- 8) Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge.
- 9) Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith to the undersigned within (10) ten days from the date of issue of this award letter as a token of acceptance.
- 10) This work order is allotted the number **MDU-392** which shall be quoted by you future correspondence in connection with this work Contract.
- 11) All other terms & Condition shall be as per Tender Document.

Encl: Schedule of Work

Yours faithfully,

Manager (E-E)

For and on behalf of the Chairman
Airports Authority of India

विमानपत्तन निदेशक का कार्यालय, मदुरै हवाई अड्डा, मदुरै - 625 022.

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Item Rate BoQ

Tender Inviting Authority: AIRPORTS AUTHORITY OF INDIA

Name of Work: SITC of ALCMS and allied works including all inclusive Comprehensive Maintenance Contract, at Madurai Airport. (Recall)

Contract No: AAI/MDU/E/MDU-392/NIT-14/2023-24 Tender ID - 2023_AAI_185164_1

Name of the Bidder/ Bidding Firm / Company : M/s. NASU SYSTEMS, MUMBAI

PRICE SCHEDULE

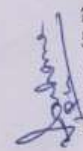
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures Rs. p	TOTAL AMOUNT Without Taxes In Rs. p	TOTAL AMOUNT In Words
1	Design, supply, installation, testing & commissioning of Airfield Lighting Control through HMI, Type 'L 990 BB' to the requirements of FAA Advisory Circular No. AC 150/5345 - 56B(Current edition) and additional circuits/mechanisms/interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits such as Landing - H, Wind cone, flood light towers & beacon 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, specification, performance criteria etc., Two vault processor should be provided both running in parallel for redundancy in operation at new CCR Hall, one vault Processor at ATC tower complete as required. (Does not include the cost of communication cable) including cable termination provision of SPD, media converter, etc. complete as required.	1	Job	2500000.00	2500000.00	INR Twenty Five Lakh Only
2	Supply, installation, testing & commissioning of Miniature type conventional Remote control Desk at ATC room as stand by connecting in parallel with ALCMS using the control cables and junction box for termination of control cable with suitable change over switch arrangements for selecting RCD/ALCMS.	1	Job	100000.00	100000.00	INR One Lakh Only
3	Supply 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.	2100	Mtr	100.00	210000.00	INR Two Lakh Ten Thousand Only
4	Supply of PVC insulated (Heavy Duty) control cables of following size with copper conductor, working voltage 1.1kv grade armoured cable conforming to IS:1554 (part 1) with up to date amendments etc. as required. 61 core X 2.5 Sq.mm	600	Mtr	3000.00	1800000.00	INR Eighteen Lakh Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures Rs. p	TOTAL AMOUNT Without Taxes in Rs. p	TOTAL AMOUNT In Words
5	Supply of PVC insulated (Heavy Duty) control cables of following size with copper conductor, working voltage 1.1kv grade armoured cable conforming to IS:1554 (part I) with up to date amendments etc. as required. 8 core X 2.5 Sq.mm	150	Mtr	500.00	75000.00	INR Seventy Five Thousand Only
6	Supply of following size DWG HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. OD-63 mm & ID-51mm nominal	510	Mtr	160.00	81600.00	INR Eighty One Thousand Six Hundred Only
7	Supply of following size HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. OD-40 mm & ID-32mm nominal	2000	Mtr	100.00	200000.00	INR Two Lakh Only
8	Laying of 63 mm / 40mm dia (OD-63mm & ID-51 mm / OD - 40mm & ID - 32mm nominal) DWG HDPE pipe / 50mm dia GI Pipe direct in ground (75 cm below ground level) in all type of soil/hard rock/gravel/bitumen road including excavation and refilling the trench but excluding sand cushioning and protective covering etc. complete as required.	2510	Mtr	110.00	276100.00	INR Two Lakh Seventy Six Thousand One Hundred Only
9	Laying of one number PVC insulated and PVC sheathed XLPE Control cable of 1.1 KV grade Multi core cable of size not exceeding 35Sqmm in the existing RCC / HUME/METAL/GI/HDPE/DWC pipe etc. complete as required.	510	Mtr	99.00	50490.00	INR Fifty Thousand Four Hundred & Ninety Only
10	Laying of OPC cable through HDPE pipe in sof: soil, HUME pipe, duct & on surface etc. complete as required.	2000	Mtr	30.00	60000.00	INR Sixty Thousand Only
11	Supplying and making end termination with brass compression gland copper lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1kv grade as required. 61C X 2.5Sq.mm	6	Set	990.00	5940.00	INR Five Thousand Nine Hundred & Forty Only
12	Supplying and making end termination with brass compression gland copper lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1kv grade as required. 8C X 2.5Sq.mm	24	Set	630.00	15120.00	INR Fifteen Thousand One Hundred & Twenty Only
13	SITC of vault processor to be kept at old CCR Room, for accepting data from old ATC tower (RCID) for controlling the 09nos- CCR by providing communication signal to New CCR Room. This vault processor shall also accept communication signals from new ATC tower / CCR Room to control fixed circuits such as landing H, Wind Sock, 11 Nos. High Mast and its associated connection, terminations etc. as required.	1	Job	100000.00	100000.00	INR One Lakh Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
14	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5% in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders/ fixing on wall using MS Clamps including bolts & nuts, painting suspenders etc as required. 150mm width X 50mm depth X 1.6 mm thickness	60	Mtr	450.00	27000.00	INR Twenty Seven Thousand Only
15	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required. Upto 35 sq.mm (Clamped with 1mm thick saddle)	120	Mtr	153.00	18360.00	INR Eighteen Thousand Three Hundred & Sixty Only
16	Providing and fixing 6SWG dia GI wire on surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/cable as required.	750	Mtr	90.00	67500.00	INR Sixty Seven Thousand Five Hundred Only
17	Providing and fixing 25mm X 5mm G.I. Strip on surface or in recess for connections etc. as required.	50	Mtr	198.00	9900.00	INR Nine Thousand Nine Hundred Only
18	All Inclusive Comprehensive Maintenance Contract (AICMC) Airfield Lighting Control through HMI, Type 'L 890 BB' to the requirements of FAA Advisory Circular No. AC 150/5345 - 56B(Current edition) and additional circuits/mechanisms/interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits all hardware and software, 4 nos of vault processors, other items as required for successful operation of the system. First Year (After Completion of 1 year DLP) [3% of item no:1 + item no:2 + item no:13]	1	Job	81000.00	81000.00	INR Eighty One Thousand Only
19	All Inclusive Comprehensive Maintenance Contract (AICMC) Airfield Lighting Control through HMI, Type 'L 890 BB' to the requirements of FAA Advisory Circular No. AC 150/5345 - 56B(Current edition) and additional circuits/mechanisms/interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits all hardware and software, 4 nos of vault processors, other items as required for successful operation of the system. 2nd Year (After Completion of 1 year DLP) [5% escalation on first year cost of item no:18]	1	Job	85050.00	85050.00	INR Eighty Five Thousand & Fifty Only

Sl. No.	Item Description	Quantity	Units	BASIC RATE in Figures Rs. p	TOTAL AMOUNT Without Taxes in Rs. p	TOTAL AMOUNT In Words
20	All Inclusive Comprehensive Maintenance Contract (AICMC) Airfield Lighting Control through HMI, Type 'L 890 BB' to the requirements of FAA Advisory Circular No. AC 150/5345 - 56B (Current edition) and additional circuits/mechanisms/interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits all hardware and software, 4 nos of vault processors, other items as required for successful operation of the system complete as required. 3rd Year (After Completion of 1 year DLP) [5% escalation on Second year cost of item no:19]	1	Job	89302.50	89302.50	INR Eighty Nine Thousand Three Hundred & Two and Paise Fifty Only
21	All Inclusive Comprehensive Maintenance Contract (AICMC) Airfield Lighting Control through HMI, Type 'L 890 BB' to the requirements of FAA Advisory Circular No. AC 150/5345 - 56B (Current edition) and additional circuits/mechanisms/interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits all hardware and software, 4 nos of vault processors, other items as required for successful operation of the system complete as required. 4th Year (After Completion of 1 year DLP) [5% escalation on Third year cost of item no:20]	1	Job	93767.63	93767.63	INR Ninety Three Thousand Seven Hundred & Sixty Seven and Paise Sixty Three Only
22	All Inclusive Comprehensive Maintenance Contract (AICMC) Airfield Lighting Control through HMI, Type 'L 890 BB' to the requirements of FAA Advisory Circular No. AC 150/5345 - 56B (Current edition) and additional circuits/mechanisms/interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits all hardware and software, 4 nos of vault processors, other items as required for successful operation of the system complete as required. 5th Year (After Completion of 1 year DLP) [5% escalation on Fourth year cost of item no:21]	1	Job	98456.01	98456.01	INR Ninety Eight Thousand Four Hundred & Fifty Six and Paise One Only
Total Figures					6044586.14	INR Sixty Lakh Forty Four Thousand Five Hundred & Eighty Six and Paise Fourteen Only

(Rupees Sixty Lakhs Forty Four Thousand Five Hundred Eighty Six and Fourteen Paise Only) plus applicable GST as per Government norms.


Manager (E-E)
AAI, Madurai Airport

Signature Not Verified

Digitally signed by Rajith V
Date: 2024.07.02 17:13:18 IST
Location: eProcurement System for Central PSUs