

भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

AAM/ENGG/ELEC/AMED-I/902/3/2022-23/A-15

27.05.2022

M/s Nasu Systems,
Unit No. 11/15, Ajit Industrial Estate,
Lodha Aqua, Mira, Thane district,
Maharashtra - 401104.

Name of work : Replacement/Augmentation of ALCMS System including AICMC for Five Years at Chennai Airport.
Ref : Tender ID: 2022_AAI_111648_1

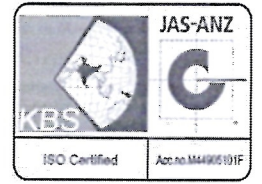
Dear Sir(s),

1. Your e-tender for the above mentioned work has been accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs.71,85,668.00 (Rupees Seventy-One Lakhs Eighty-Five Thousand Six Hundred and Sixty-Eight only) excluding GST which is 3.395% below the justified cost of Rs.74,38,215.00.
2. Jt. General Manager (Engg. -Elect.) - II, AAI, Chennai Airport, Chennai - 600 016 shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt. General Manager (Engg-Elect.) - II, AAI, Chennai Airport by 02.06.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.
3. Please deposit an amount of Rs. 6,20,100.00 (Rupees Six Lakhs Twenty Thousand and Hundred 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 1A of Clauses of Contract on Page GCC-16 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 there of Central and State Governments.
5. You are also directed to contact Asst. Gen. Manager Engg. (Elect.)-I, AAI, Operational Offices, Chennai 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 the same shall be reckoned from the tenth day of issue of this award letter.
7. Any further correspondence in connection with the contract should normally be addressed to the Joint General Manager (Engg-Elect.) - II, AAI, Operational Offices, Chennai Airport, Chennai-16.

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8. 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.
9. Your tender for this work shall form part of the agreement along with this award letter. All other terms & conditions shall be as per NIT.
10. Separate Supplementary agreement for AICMC component of the work for 05 Years shall be executed before the completion of one year of DLP at the accepted rates of this tender on a non-judicial stamp paper of Rs. 100.00 and the cost of the stamp paper shall be borne by you.
11. You are requested to submit original duly notarized declaration regarding blacklisting / debarring of the firm on non-judicial stamp paper of Rs.100/- and attested by a First class Magistrate / Notary public.

Yours faithfully,

(W. FRANCIS XAVIER)
Jt. G.M. (Engg. -Elect.) - II,
For and on behalf of the Chairman,
Airports Authority of India.

Encl: Schedule of Quantities



AIRPORTS AUTHORITY OF INDIA
CHENNAI AIRPORT:: CHENNAI
SCHEDULE OF QUANTITIES

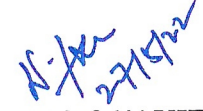
NAME OF WORK: REPLACEMENT/AUGMENTATION OF ALCMS SYSTEM INCLUDING AICMC FOR FIVE YEARS AT CHENNAI AIRPORT

Sl. No.	Description of Items	Unit	Qty	Rate (in Rs.)	Amount (In Rs.)
1	SH-I : SITC of ALCMS				
1.01	Design, Supply, Installation, Testing & Commissioning of Airport 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) installed for various visual aids of both main runway and secondary runway & other ancillary lighting aids such as Landing - H, Isolation Bay Flood lighting, Beacon light etc. as mentioned in Annexure-A & network diagram, maintaining data and event log records, suitable interface to make them compatible with ALCMS, Data & Power Cabling, Earthing etc., including PLC and I/O modules, all hardwares and softwares, licenses & other items as required for successful operation of the ALCMS system etc., complete as required to ensure failsafe, expandable and future proof system.	Each	1	59,40,000.00	59,40,000.00
2	SH II : Miscellaneous Works				
2.01	Supply and laying of Single Mode (OS 1) 12 core, armoured Optic Fibre Cable (OFC) (ISI marked) conforming to ITU-T G.652 and IEC-60794 with up to date amendments, etc., through existing HDPE pipe of 40 mm dia complete as required.	Mtr	500	126.00	63,000.00
2.02	Supply and laying of HDPE pipe of PN 6 and PE 100 of 40mm dia (OD) 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 in the existing existing RCC / HUME / metal pipe / masonry duct complete as required.	Mtr	400	126.00	50,400.00
2.03	Supply and laying of HDPE pipe of PN 6 and PE 100 of 40mm dia (OD) 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 on wall surface/cable tray with necessary Clamps/Cable ties at required intervals complete as required.	Mtr	100	126.00	12,600.00
2.04	Supply and laying of 8 Core x 1.5 sqmm Control cable solid annealed plain copper conductor, XLPE insulated PVC innersheathed single layer of galvanised flat steel strip armoured and over all PVC sheathed 1.1KV grade confirming IS 7098 Part-I amended upto date, laying in the existing existing RCC / HUME / metal pipe / masonry duct complete as required.	Mtr	500	270.00	1,35,000.00
	Total Amount of SH-1& SH-II				₹ 62,01,000.00

Sl. No.	Description of Items	Unit	Qty	Rate (in Rs.)	Amount (In Rs.)
3	SH III : CMC OF ALCMS				
3.01	All Inclusive Comprehensive Maintenance (AICMC) 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 Original Equipment Manufacturer (OEM) 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.				
3.02	First Year (after Completion of DLP) Rate for First Year after DLP = 3 % of SH-I i.e. SITC cost of ALCMS SH - I Sl. No. 1.01	Annum	1	1,78,200.00	1,78,200.00
3.03	Second Year (after Completion of DLP) Rate for Second Year after DLP = 5 % escalation of SH-III Sl. No. 3.02 cost	Annum	1	1,87,110.00	1,87,110.00
3.04	Third Year (after Completion of DLP) Rate for Third Year after DLP = 5 % escalation of SH-III Sl. No. 3.03 cost	Annum	1	1,96,466.00	1,96,466.00
3.05	Fourth Year (after Completion of DLP) Rate for Fourth Year after DLP = 5 % escalation of SH-III Sl. No. 3.04 cost	Annum	1	2,06,289.00	2,06,289.00
3.06	Fifth Year (after Completion of DLP) Rate for Fifth Year after DLP = 5 % escalation of SH-III Sl. No. 3.05 cost	Annum	1	2,16,603.00	2,16,603.00
Total Amount of SH-III					₹ 9,84,668.00
Total Amount of SH-I & SH-II & SH-III					₹ 71,85,668.00

(Rupees Seventy One Lakhs Eighty Five Thousand Six Hundred and Sixty Eight Only)

NOTE: RATES ARE EXCLUDING GST


 (W. FRANCIS XAVIER)
 Jt. Gen. Manager. (E-E)-II
 AAI, Chennai Airport, Chennai