

BOQ Summary Details

Tender Title: Replacement/Augmentation of ALCMS System including AICMC for Five Years at Chennai Airport
Tender ID: 2022_AAI_111648_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	NASU SYSTEMS	7185668.00	L1
	2	AMA Private Limited	8235653.00	L2

Government eProcurement System Created By: A DHANUSKODI Created Date/Time: 09-May-2022 04:39 PM Tender Title: Replacement/Augmentation of ALCMS System including AICMC for Five Years at Chennai Airport Tender ID: 2022_AAI_111648_1
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Tender Inviting Authority: ASST. GENERAL MANAGER (ENGG-ELECT), AAI, CHENNAI AIRPORT, CHENNAI

Name of Work: REPLACEMENT/AUGMENTATION OF ALCMS SYSTEM INCLUDING AICMC FOR FIVE YEARS AT CHENNAI AIRPORT

Contract No: 2022_AAI_111648_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	NASU SYSTEMS(GSTN-27ABAPS2566G1ZK)		AMA Private Limited(GSTN-27AAACA1016F1ZE)	
					Rate	Amount	Rate	Amount
1.00	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.	1.00	Job		5940000.00	5940000.00	6700000.00	6700000.00
2.00	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.	500.00	Mtr		126.00	63000.00	200.00	100000.00

L1 Amount	L1 Vendor
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5940000.00	NASU SYSTEMS
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63000.00	NASU SYSTEMS
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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.	400.00	Mtr
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.	100.00	Mtr
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 galvanized 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.	500.00	Mtr
3.00	SH III: AICMC 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	1.00	Year
3.03	Second Year (after Completion of DLP) Rate for Second Year after DLP = 5 % escalation of SH-III Sl. No. 3.02 cost	1.00	Year
3.04	Third Year (after Completion of DLP) Rate for Third Year after DLP = 5 % escalation of SH-III Sl. No. 3.03 cost	1.00	Year
3.05	Fourth Year (after Completion of DLP) Rate for Fourth Year after DLP = 5 % escalation of SH-III Sl. No. 3.04 cost	1.00	Year

126.00	50400.00	250.00	100000.00
126.00	12600.00	250.00	25000.00
270.00	135000.00	400.00	200000.00
178200.00	178200.00	201000.00	201000.00
187110.00	187110.00	211050.00	211050.00
196466.00	196466.00	221603.00	221603.00
206289.00	206289.00	232683.00	232683.00

50400.00	NASU SYSTEMS
12600.00	NASU SYSTEMS
135000.00	NASU SYSTEMS

178200.00	NASU SYSTEMS
187110.00	NASU SYSTEMS
196466.00	NASU SYSTEMS
206289.00	NASU SYSTEMS

3.06	Fifth Year (after Completion of DLP) Rate for Fifth Year after DLP = 5 % escalation of SH-III Sl. No. 3.05 cost	1.00	Year
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216603.00	216603.00	244317.00	244317.00
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216603.00	NASU SYSTEMS
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Total in Figures

7185668.00

8235653.00

Lowest Amount Quoted BY: NASU SYSTEMS(7185668.00)