

COMPARATIVE STATEMENT

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

S. No.	Description of Items	Qty.	Unit	JUSTIFIED COST		M/s. Nasu Systems, Mumbai. (1/2)		M/s. MPC Electricals & Engineers, Udaipur. (2/2)	
				Rate (₹)	Amount(₹)	Rate (₹)	Amount(₹)	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	1563480	1563480.00	1143000.00	1143000.00	1250000.00	1250000.00
	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	90	84150.00	99.00	92565.00	142.00	132770.00
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	115	91770.00	108.00	86184.00	133.00	106134.00
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	183	25071.00	144.00	19728.00	44.00	6028.00

S. No.	Description of Items	Qty.	Unit	JUSTIFIED COST		M/s. Nasu Systems, Mumbai. (1/2)		M/s. MPC Electricals & Engineers, Udaipur. (2/2)	
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	90	3780.00	126.00	5292.00	80.00	3360.00
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 1NO+1NC aux.add on block, interconnected wiring between contactor & MCBs, connectors,screws, etc as required to connect the Beacon control circuit.	1	Job	4063	4063.00	27000.00	27000.00	25000.00	25000.00
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	17254.00	207048.00	16200.00	194400.00	14170.00	170040.00
7.2	Second Year (after completion of DLP)	12	Months	18938.00	227256.00	16200.00	194400.00	17085.00	205020.00
7.3	Third Year (after completion of DLP)	12	Months	21,042.00	252504.00	16200.00	194400.00	17085.00	205020.00
					2459122.00	1956969.00		2103372.00	
					2459122.00	1956969.00		2103372.00	

%ge w.r.t. Justified cost

Status

-20.42%

Below

L1

-14.47%

Below

L2

Certified that I have personally conducted check of all tenders duly computed & Checked and satisfied my self that the checking work has been properly done and the rates quoted by the contractors totals are carried over correctly in the comparative statement.

Jr. Executive (Engg-E)
AAI, Rajahmundry Airport

Manager(Engg-Elect)
AAI, Rajahmundry Airport

A.G.M.(Engg-Elect)
AAI, Rajahmundry Airport

Signature Not Verified

Digitally signed by MUTHUKUMARASAMY MUTHAMILAN
Date: 2021.02.04 16:14:41 IST
Location: eProcurement System for Central PSUs

