

Government eProcurement System Created By: Nagendran M Created Date/Time: 10-Mar-2022 05:17 PM Tender Title: Replacement of AC units at ANS Building at Cochin International Airport Tender ID: 2022_AAI_105259_1									
Tender Inviting Authority: Asst. General Manager Engg(Elect),Calicut Airport									
Name of Work: Replacement of AC Units at ANS Buildings at Cochin International Airport (CIAL)									
Contract No: 2022_AAI_105259_1									
SCHEDULE OF WORK / ITEM(S)									
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated		AQUATICS ENGINEERS(GSTN-07AEMPM9860Q1ZE)		ABM Cooling Solutions India Pvt. Ltd(GSTN-NA)	
				Rate	Amount	Rate	Amount	Rate	Amount
1.00	SITC of 1.5 TR split type 5 star AC (inverter type-minimum EER 4.50) consisting of single room unit (evaporator unit) comprising copper coil with cordless remote control, suitable stabilizer unit and one number outdoor condensing unit (copper coil) with sealed suitable type compressor and suitable for operation on 230V, 50Hz. AC supply , non CFC refrigerant like R32 or equivalent capable of performing (a) cooling (b) de-humidifying (c) Air-Circulating (d) filtering including fixing the outdoor condenser unit on a raised suitable pedestals duly painted/Metal Stand as per site requirement (Pedestals/Metal Stand included in the scope) and fixing of Evaporator unit including providing and making inter connections between evaporator unit and condensing unit up to a length of 3 mtrs. comprising of the following including first charge of refrigerant, complete as required. a) Suitable drain pipe of PVC or as per OEM specification for length upto 10 Metre b) Suitable insulated copper pipe for liquid line or as per OEM specification for length upto 3 Metre. c) Suitable copper pipe for suction or as per OEM specification for length upto 3 Metre d) Suitable FR insulated, PVC sheathed unarmoured multi strand copper cable or as per OEM specification for length upto 3 Metre e) Supply and Fixing of Heavy duty Rigid type PVC pipe / PVC Trunking of suitable size for covering in the liquid line, suction line and multi strand copper cable or as per OEM specification for length upto 3 Metre	11.00	Job			37500.00	412500.00	37250.00	409750.00

L1 Amount	L1 Vendor
409750.00	ABM Cooling Solutions India Pvt. Ltd

2.00	Supply and fixing of following for interconnections between evaporator unit and condensing unit mentioned in item No 1 (extra length if required) complete as required a) Suitable insulated copper pipe for liquid line or as per OEM specification for the item No 1 b) Suitable insulated copper pipe for suction or as per OEM specification for the item No 1 c) Suitable FR insulated, PVC sheathed unarmored multi strand copper cable or as per OEM specification for the item No 1 d) Supply and Fixing of Heavy duty Rigid type PVC Pipe/Plastic Trunking of suitable size for covering in the refrigerant drain line, liquid line, suction line and multi strand copper cable as required for the item No 1	60.00	Mtr			950.00	57000.00	1100.00	66000.00
3.00	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	1.00	Job			2000.00	2000.00	1500.00	1500.00
4.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class FRLS PVC conduit as required a) 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	5.00	Mtr			100.00	500.00	300.00	1500.00
5.00	All inclusive Comprehensive Maintenance of following type and capacity of air-conditioners installed at different locations of Cochin Intl Airport including providing all necessary consumables and spares carrying out various maintenance activities as per maintenance schedule. (1 Job =Comprehensive maintenance of 01 Ac unit for one year) 1.5 TR split type 5 star AC (Inverter type) - 1st Year after completion of Defects Liability Period	11.00	Job			3000.00	33000.00	2500.00	27500.00
6.00	All inclusive Comprehensive Maintenance of following type and capacity of air-conditioners installed at different locations of Cochin Intl Airport including providing all necessary consumables and spares carrying out various maintenance activities as per maintenance schedule. (1 Job =Comprehensive maintenance of 01 Ac unit for one year) 1.5 TR split type 5 star AC (Inverter type) - 2nd Year after completion of Defects Liability Period	11.00	Job			3500.00	38500.00	2500.00	27500.00

57000.00	AQUATICS ENGINEERS
1500.00	ABM Cooling Solutions India Pvt. Ltd
500.00	AQUATICS ENGINEERS
27500.00	ABM Cooling Solutions India Pvt. Ltd
27500.00	ABM Cooling Solutions India Pvt. Ltd

7.00	All inclusive Comprehensive Maintenance of following type and capacity of air-conditioners installed at different locations of Cochin Intl Airport including providing all necessary consumables and spares carrying out various maintenance activities as per maintenance schedule. (1 Job =Comprehensive maintenance of 01 Ac unit for one year) 1.5 TR split type 5 star AC (Inverter type) - 3rd Year after completion of Defects Liability Period	11.00	Job			4000.00	44000.00	2500.00	27500.00
8.00	All inclusive Comprehensive Maintenance of following type and capacity of air-conditioners installed at different locations of Cochin Intl Airport including providing all necessary consumables and spares carrying out various maintenance activities as per maintenance schedule. (1 Job =Comprehensive maintenance of 01 Ac unit for one year) 1.5 TR split type 5 star AC (Inverter type) - 4th Year after completion of Defects Liability Period	11.00	Job			4500.00	49500.00	2500.00	27500.00
9.00	All inclusive Comprehensive Maintenance of following type and capacity of air-conditioners installed at different locations of Cochin Intl Airport including providing all necessary consumables and spares carrying out various maintenance activities as per maintenance schedule. (1 Job =Comprehensive maintenance of 01 Ac unit for one year) 1.5 TR split type 5 star AC (Inverter type) - 5th Year after completion of Defects Liability Period	11.00	Job			5000.00	55000.00	2500.00	27500.00

27500.00	ABM Cooling Solutions India Pvt. Ltd
27500.00	ABM Cooling Solutions India Pvt. Ltd
27500.00	ABM Cooling Solutions India Pvt. Ltd

Total in Figures

692000.00

616250.00

Lowest Amount Quoted BY: ABM Cooling Solutions India Pvt. Ltd(616250.00)

BOQ Summary Details**Tender Title: Replacement of AC units at ANS Building at Cochin International Airport****Tender ID: 2022_AAI_105259_1**

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	ABM Cooling Solutions India Pvt. Ltd	616250.00	L1
	2	AQUATICS ENIGINEERS	692000.00	L2