

Tender Inviting Authority: AGM (E-E), AAI, RHQ,ER

Name of Work: Replacement of ACs at various location at NSCBI Airport, Kolkata

Contract No: AAI/ER/KOL/EE/NIT-05/2021-22

SCHEDULE OF WORK / ITEM(S)																							
Sl.No	Description of Work / Item(s)	No.of Qty	Units	jaydeep agency corporation(GSTN-24ACIPP6157B1ZQ)		Mercantile Agency(GSTN-19AALFM1805G1ZB)		Industrial Traders(GSTN-09ACJPC1773F1ZQ)		EVAC ENGINEERING PROJECTS PRIVATE LIMITED(GSTN-19AACCE9137D1ZN)		Lyric International(GSTN-19AAGFL4997B1Z0)		VOLKS ENERGIE PVT LTD(GSTN-07AADCV9396C1ZZ)		Acrovent Systems Pvt Ltd(GSTN-NA)		GHOSH REFRIGERATION CENTRE(GSTN-NA)		FEDIN ENGINEERING PRIVATE LIMITED(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
1.00	Supply of 1 Phase, 1 TR, 5 star rating, Inverter type Split Air-conditioners whjich has high wall type indoor unit suitable for operation on 230±10%, 50 Hz, 1 phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil, refrigeration having aluminum fins firmly bonded to copper pipe and copper pipe insulation assembled in zinc coated steel frame with Eco friendly R-32 or equivalent Refregiration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit. The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge.	7.00	Each	27500.00	192500.00	25609.38	179265.66	34800.00	243600.00	32458.00	227206.00	28125.00	196875.00	31400.00	219800.00	32050.00	224350.00	31500.00	220500.00	37455.00	262185.00	179265.66	Mercantile Agency
2.00	Supply of 1 Phase, 1.5 TR split type of 5 star rating Inverter type Air-conditioners along with high wall type indoor unit suitable for operation on 230±10%, 50 Hz, 1 phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil refrigeration having aluminum fins firmly bonded to copper pipe and copper pipe insulation assembled in zinc coated steel frame with Eco friendly R-32 or equivalent Refregiration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit. The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge.	20.00	Each	39700.00	794000.00	27890.00	557800.00	36000.00	720000.00	36614.00	732280.00	33125.00	662500.00	38400.00	768000.00	37500.00	750000.00	41500.00	830000.00	39810.00	796200.00	557800.00	Mercantile Agency

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3.00	Supply of 1 Phase, 1.8- 2 TR split type of 5 star rating Inverter Air-conditioners along with high wall type indoor unit suitable for operation on 230±10%, 50 Hz, 1 phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil refrigeration having aluminum fins firmly bonded to copper pipe and copper pipe insulation assembled in zinc coated steel frame with Eco friendly R- 32 or equivalent Refrigeration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit. The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge.	39.00	Each	48500.00	1891500.00	34500.00	1345500.00	45000.00	1755000.00	45586.00	1777854.00	41015.63	1599609.57	46400.00	1809600.00	46000.00	1794000.00	51800.00	2020200.00	55630.00	2169570.00	1345500.00	Mercantile Agency
4.00	Supply of 1 Phase, 2-2.4 TR, 5 star rating Inverter type High wall split Air-conditioners suitable for operation on 230±10%, 50 Hz, 1 phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil, refrigeration having aluminum fins firmly bonded to copper pipe and copper pipe insulation assembled in zinc coated steel frame with Eco friendly R-32 or equivalent Refrigeration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit. The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge.	8.00	Each	74600.00	596800.00	36890.00	295120.00	65000.00	520000.00	55562.00	444496.00	54296.88	434375.04	46400.00	371200.00	62500.00	500000.00	54500.00	436000.00	55630.00	445040.00	295120.00	Mercantile Agency

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5.00	Supply of 3 Phase/1- Phase, 3 TR split type of minimum 3star or maximum star available, Inverter Air-conditioners along with high wall type indoor unit suitable for operation on 415V±10%/230±10%, 50 Hz, 3 phase/1- phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil, refrigeration having aluminum fins firmly bonded to copper pipe and copper pipe insulation assembled in zinc coated steel frame with Eco friendly R 32 or equivalent Refrigeration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit. The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge.	4.00	Each	87450.00	349800.00	47656.25	190625.00	70500.00	282000.00	66927.00	267708.00	62812.50	251250.00	61400.00	245600.00	70000.00	280000.00	88000.00	352000.00	80485.00	321940.00	190625.00	Mercantile Agency
6.00	Supply of fabricated metallic structure with required painting / pre fabricated L shaped O/D stand of suitable size made of MS angle/ frame as per site requirement etc for suspension of outdoor compressor units as per direction of Engineer-in-Charge.	20.00	Each	350.00	7000.00	675.00	13500.00	960.00	19200.00	911.00	18220.00	1652.54	33050.80	1500.00	30000.00	600.00	12000.00	5265.00	105300.00	4240.00	84800.00	7000.00	jaydeep agency corporation
7.00	ITC of the following TR split type of Inverter Air-conditioners along with Outdoor/ Indoor unit suitable to operate on 1/3 Phase Power supply.																						
7.10	(a) 1/1.5 TR Split Inverter AC	27.00	Each	850.00	22950.00	1000.00	27000.00	1500.00	40500.00	1475.00	39825.00	1567.80	42330.60	2000.00	54000.00	1000.00	27000.00	2400.00	64800.00	1420.00	38340.00	22950.00	jaydeep agency corporation
7.20	(b) 1.8 -3 TR Split/Tower Inverter AC	43.00	Each	1150.00	49450.00	1290.00	55470.00	1800.00	77400.00	1639.00	70477.00	2118.64	91101.52	2000.00	86000.00	1000.00	43000.00	2400.00	103200.00	1420.00	61060.00	43000.00	Acrovent Systems Pvt Ltd
8.00	Supply and fixing of extra copper refrigerant piping complete with suction / liquid line, insulation (i.e. cunifoam with neoprene / rubber lining), and all the accessories i/c Control Cable as per site requirement as directed by Engineer-in-Charge.																						
8.10	(a) Suitable for 1/1.5 TR Split Inverter AC along with its Control Cable	165.00	Meter	850.00	140250.00	742.56	122522.40	200.00	33000.00	642.00	105930.00	639.83	105571.95	600.00	99000.00	600.00	99000.00	840.00	138600.00	700.00	115500.00	33000.00	Industrial Traders
8.20	(b) Suitable for 1.8-2.2 TR HW/Tower Inverter Split AC along with its Control Cable	155.00	Meter	980.00	151900.00	940.00	145700.00	250.00	38750.00	740.00	114700.00	750.00	116250.00	700.00	108500.00	600.00	93000.00	1040.00	161200.00	920.00	142600.00	38750.00	Industrial Traders
8.30	(c) Suitable for 3 TR HW Inverter Split AC along with its Control Cable	60.00	Meter	1140.00	68400.00	1000.00	60000.00	300.00	18000.00	852.00	51120.00	838.98	50338.80	750.00	45000.00	110.00	6600.00	1040.00	62400.00	975.00	58500.00	6600.00	Acrovent Systems Pvt Ltd
9.00	Supply and laying of 25 mm dia PVC pipe to be used for drainage of condensate from indoor units to the nearest drain-port as directed by Engineer-in-Charge.	78.00	Each	38.00	2964.00	55.00	4290.00	50.00	3900.00	526.00	41028.00	80.51	6279.78	120.00	9360.00	75.00	5850.00	976.00	76128.00	130.00	10140.00	2964.00	jaydeep agency corporation

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	L1 Amount	L1 Vendor
10.00	Supplying and fixing of 32 mm PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	60.00	Meter	48.00	2880.00	105.00	6300.00	120.00	7200.00	349.00	20940.00	97.46	5847.60	150.00	9000.00	75.00	4500.00	123.00	7380.00	205.00	12300.00	2880.00	jaydeep agency corporation
11.00	Supplying and drawing 3X4 sq.mm FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.	60.00	Meter	112.00	6720.00	130.00	7800.00	200.00	12000.00	754.00	45240.00	139.83	8389.80	180.00	10800.00	61.00	3660.00	635.00	38100.00	295.00	17700.00	3660.00	Acrovent Systems Pvt Ltd
12.00	Supplying and fixing 20 Amps., 240 volts, SPN industrial type, socket outlet, with 2 pole and earth metal enclosed plug top along with 20 Amps., 'C' Series, SP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	10.00	Each	850.00	8500.00	1200.00	12000.00	680.00	6800.00	1712.00	17120.00	7500.00	75000.00	1000.00	10000.00	1850.00	18500.00	3785.00	37850.00	1955.00	19550.00	6800.00	Industrial Traders
13.00	Dismantling of window A/C units of capacity upto 1.5 Tr. single phase or three phase and transporting to AAI store as directed by EIC etc. complete as required.	18.00	Each	350.00	6300.00	560.00	10080.00	400.00	7200.00	1147.00	20646.00	720.34	12966.12	800.00	14400.00	250.00	4500.00	850.00	15300.00	715.00	12870.00	4500.00	Acrovent Systems Pvt Ltd
14.00	Dismantling of high wall split type/ Tower type ACs units of capacity upto 3.0 Tr. Single phase or three phase and transporting to AAI store as directed by EIC etc. complete as required.	62.00	Each	450.00	27900.00	560.00	34720.00	600.00	37200.00	1147.00	71114.00	720.34	44661.08	800.00	49600.00	250.00	15500.00	1200.00	74400.00	715.00	44330.00	15500.00	Acrovent Systems Pvt Ltd
15.00	Reinstallation, testing and commissioning including connection of copper pipe with insulation and refrigerant gas charging of the split type A.C. units of all types of model and tonnage capacity upto 3TR as directed by E-I-C. (Indoor & Outdoor unit will be issued by AAI).	10.00	Each	850.00	8500.00	1568.00	15680.00	500.00	5000.00	2777.00	27770.00	4449.15	44491.50	6000.00	60000.00	250.00	2500.00	14300.00	143000.00	1420.00	14200.00	2500.00	Acrovent Systems Pvt Ltd
16.00	Replacement of Aluminium condensing coil with Copper Condensing Coil (outdoor unit) upto 2.0 Tr. capacity single phase/three phase split type AC at different location including providing all necessary consumable spares including gas charging and up to its smooth performance as required as per the special terms and conditions attached.	5.00	Each	5860.00	29300.00	4480.00	22400.00	14500.00	72500.00	7487.00	37435.00	7203.39	36016.95	9000.00	45000.00	5300.00	26500.00	6500.00	32500.00	6355.00	31775.00	22400.00	Mercantile Agency

Total in Figures

4357614.00

3105773.06

3899250.00

4131109.00

3816906.11

4044860.00

3910460.00

4918958.00

4658600.00

Lowest Amount Quoted BY: Mercantile