

Tender Inviting Authority: Asst. General Manager (Engg.- Electrical), AAI, Pune Airport, Pune- 411032

Name of Work: Improvement of AOCC- Integration of first and last bag information, chocks on chocks off information, FAS and BMS at Pune Airport.

Contract No: 2024_AAI_193994

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Manish Electricals (GSTN- 23ABLP09012E1ZW) BID ID -700270
1.00	Supply of 6 Core Single Mode Multi tube Armoured Optical Fiber Cable (OFC).	800.00	Meter	60.00	48000.00
2.00	Laying of 6 Core Single Mode Multi tube Armoured Optical Fiber Cable (OFC) in existing Hume pipe / duct / cable tray / surface/structural steel/steel pipe/PVC Pipe etc. complete as required.	800.00	Meter	50.00	40000.00
3.00	Supply of UTP 4 pair CAT 6A LAN Cable.	610.00	Meter	60.00	36600.00
4.00	Laying of CAT 6A Cable in existing surface recessed/ duct / cable tray/steel pipe/PVC Pipe etc. complete as required.	610.00	Meter	25.00	15250.00
5.00	End Termination (Splicing) of single mode fiber optic cable, 1 Core with Optical Time Domain Reflectometer (OTDR) testing service complete with jointing accessories complete as required.	36.00	Nos.	300.00	10800.00
6.00	Supply, Installation, Testing & Commissioning of Optical Fiber Patch Cord - 2 Mtr (Single Mode) including Duplex SC to Duplex LC connector.	20.00	Nos.	450.00	9000.00
7.00	Supply, Installation, Testing & Commissioning of 24 Port LIU (19" Rack Mount type) including 12 X Duplex SC connector and 12 X SM Duplex Pigtail, suitable for Operating Temperature range -20 deg. C to +70 deg C.	1.00	Each	10000.00	10000.00
8.00	Supply, Installation, Testing & Commissioning of 6 Port LIU (Din rail Mount type) including 3 X Duplex SC connector and 3 X SM Duplex Pigtail, suitable for Operating Temperature range -20 deg. C to +70 deg C.	4.00	Each	8500.00	34000.00
9.00	Supply, Installation, Testing & Commissioning of 8 Port unmanaged Gbe switch with 2 X SFP Port, Din Rail Mount Type, Ethernet Port - 8x10/100/1000 BASE-T ports, suitable for 24VDC, Operating Temperature range -20 deg. C to +70 deg. C.	4.00	Each	9000.00	36000.00
10.00	Supply, Installation, Testing & Commissioning of 4 Port Unmanaged Switch four (4) 10/100/1000 Mbps Ethernet ports and two (2) 10/100/1000 Mbps uplink ports, Din Rail Mount Type, suitable for 24VDC, Operating Temperature range -20 deg. C to +70 deg. C.	8.00	Each	6000.00	48000.00
11.00	Supply, Installation, Testing & Commissioning of 24 Volt DC SMPS (Din Rail Mount Type) suitable for 230V AC, 50Hz input & 24V DC output, Operating Temperature range -20 deg. C to +70 deg. C.	12.00	Each	8000.00	96000.00
12.00	Supply, Installation, Testing & Commissioning of SFP Optical Fiber Converter Module Duplex LC, 1310nm wavelength, 1.25Gbps or higher speed, suitable for Single Mode Fiber, 20KM operating Distance, Operating Temperature range -40 deg. C to +85 deg. C	6.00	Each	4000.00	24000.00
13.00	Supply, installation, testing & commissioning of 9U (600mmx 600mm) approx. size outdoor type IT rack of IP 56 rating having UL certification with Power distribution unit (PDU) of rating 1.8KVA, 1pH, 230V+-10%, 50/60Hz power supply, 1U Standard with 6 X indian round pin 5 A Socket, cable organiser, air circulation module and all accessories and mounting arrangement complete as required & as per instruction of Engineer-in-Charge.	2.00	Each	3500.00	7000.00
14.00	Supply of Heavy Duty FRLS uPVC pipe of size 32 mm OD conforming to IS:9537 Part-3 with upto date amendments complete with all accessories like socket, bends and couplers etc. as required.	810.00	Meter	85.00	68850.00
15.00	Laying of 32 mm PVC pipe on wall surface/in ground by cutting road/cement concrete complete as required.	810.00	Meter	110.00	89100.00
16.00	Supply of Single Core, 4 sqmm, FR-LSH PVC Insulated Copper Conductor Flexible Cables, with voltage rating of 1100 Volt Conforming to IS:694 With upto date amendments complete as required.	300.00	Meter	160.00	48000.00

Rate	Amount
60.00	48000.00
50.00	40000.00
60.00	36600.00
25.00	15250.00
300.00	10800.00
450.00	9000.00
10000.00	10000.00
8500.00	34000.00
9000.00	36000.00
6000.00	48000.00
8000.00	96000.00
4000.00	24000.00
3500.00	7000.00
85.00	68850.00
110.00	89100.00
160.00	48000.00

L1 Amount	L1 Vendor
48000.00	Manish Electricals
40000.00	Manish Electricals
36600.00	Manish Electricals
15250.00	Manish Electricals
10800.00	Manish Electricals
9000.00	Manish Electricals
10000.00	Manish Electricals
34000.00	Manish Electricals
36000.00	Manish Electricals
48000.00	Manish Electricals
96000.00	Manish Electricals
24000.00	Manish Electricals
7000.00	Manish Electricals
68850.00	Manish Electricals
89100.00	Manish Electricals
48000.00	Manish Electricals

25/6/24
AEMICEE

25/06/2024

Per
JMK

25/6/24
witnessed opening

17.00	Laying of one number , 1Cx4 sqmm FR-LSH PVC Insulated Copper Conductor Flexible Cables of 1.1 Kv grade, in the existing RCC/metal/Hume/PVC conduit pipe/surface complete as required.	300.00	Meter
18.00	Supply of 3Cx4 sqmm, FR-LSH PVC Insulated Copper Conductor Flexible Cables, with voltage rating of 1100 Volt Conforming to IS:694 With upto date amendments complete as required.	300.00	Meter
19.00	Laying of one number , 3Cx4 sqmm FR-LSH PVC Insulated Copper Conductor Flexible Cables of 1.1 Kv grade, in the existing RCC/metal/Hume/PVC conduit pipe/surface complete as required.	300.00	Meter

50.00	15000.00
160.00	48000.00
50.00	15000.00

15000.00	Manish Electricals
48000.00	Manish Electricals
15000.00	Manish Electricals

Total in Figures

698600.00

Lowest Amount Quoted BY: Manish Electricals(698600.00)

Q/Ami
25/6/24
AGMCEE)

Dr. Vinodi
Am/EE
25/06/2024

Rajni
5m/EE-4

Apodan
Am(Fin)
25/6/2024
with seal open