

Government eProcurement System Created By: Pankaj Tiwari Created Date/Time: 14-Aug-2020 11:57 AM Tender Title: AAI/WR/JBP/AGM(E-E)/eNIT-01/ Tender ID: 2020_AAI_53577_1				
Tender Inviting Authority: Pankaj Kumar Tiwari, AGM(Engg.-Elect.), AAI, Jabalpur Airport				
Name of Work: Periodical Maintenance & Operation of Electrical , Mechanical& Fire Fighting Installations at Jabalpur Airport.(For Year 2020-21)				
Contract No:				
SCHEDULE OF WORK / ITEM(S)				
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate

1.00	Routine maintenance of all the Electrical and Mechanical installations of Power House, Switch Rooms, Fire Fighting Installations & AAI Offices etc. as per the list of Installations attached (Except New VRV AHU, VRF & GLF system) by deploying adequate manpower on all days as mentioned in the special conditions of contract complete as per direction of Engineer- Incharge. (For the 1st year)	12.00	Month
2.00	Routine maintenance of all the Electrical and Mechanical installations of Power House, Switch Rooms, Fire Fighting Installations & AAI Offices etc. as per the list of Installations attached (Except New VRV AHU, VRF & GLF system) by deploying adequate manpower on all days as mentioned in the special conditions of contract complete as per direction of Engineer- Incharge. (For the 2nd year)	12.00	Month
3.00	Dehydration AND FILTRATION of transformer Oil at site by bringing the Dehydration/ filtration Machine at Airport P/H including testing BDV and acidity before and after Dehydration and Filtration submitting of test report as required for 02 Nos 500 KVA, 33/0.433 KV Transformers (for the 1st year)	1600.00	Ltr
4.00	Dehydration AND FILTRATION of transformer Oil at site by bringing the Dehydration/ filtration Machine at Airport P/H including testing BDV and acidity before and after Dehydration and Filtration submitting of test report as required for 02 Nos 500 KVA, 33/0.433 KV Transformers(for the 2nd year)	1600.00	Ltr
5.00	Testing/ calibration of HT/LT Panel IDMT Relays type CDG-31 of GEC Alstom make (02 over Current +01 Earth fault Relay) COMPLETE BY RELAY TESTING SET at Airport Power house and submitting the test certificate complete as required.(for the 1st year)	6.00	Each

Zamzam Refrigeration and airconditioning(GSTN-NA)		SHRADDHA ENGINEERING AND FACILITY		ROSHAN REFRIGERATION AND ELECTRICAL S(GSTN-NA)		ABHISHEK ASSOCIATES(GSTN-NA)		M/s CGPL ELECTROMECH PVT LTD(GSTN-NA)	
Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
250000.00	3000000.00	173665.00	2083980.00	175021.00	2100252.00	189888.00	2278656.00	172492.00	2069904.00
250000.00	3000000.00	173665.00	2083980.00	175021.00	2100252.00	189888.00	2278656.00	175500.00	2106000.00
20.00	32000.00	14.00	22400.00	17.00	27200.00	10.00	16000.00	9.00	14400.00
20.00	32000.00	14.00	22400.00	17.00	27200.00	10.00	16000.00	9.00	14400.00
8000.00	48000.00	4100.00	24600.00	1500.00	9000.00	3500.00	21000.00	1500.00	9000.00

L1 Amount	L1 Vendor
2069904.00	M/s CGPL ELECTROMECH PVT LTD
2083980.00	SHRADDHA ENGINEERING AND FACILITY SERVICES
14400.00	M/s CGPL ELECTROMECH PVT LTD
14400.00	M/s CGPL ELECTROMECH PVT LTD
9000.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROMECH PVT LTD

6.00	Testing/ calibration of HT/LT Panel IDMT Relays type CDG-31 of GEC Alstom make (02 over Current +01 Earth fault Relay) COMPLETE BY RELAY TESTING SET at Airport Power house and submitting the test certificate complete as required. (For the 2nd year)	6.00	Each
7.00	Testing/ calibration of Trip circuit supervision Relay Type VAX MK.II FOR HT panel GEC Alstom make COMPLETE BY RELAY TESTING SET at Airport Power house and submitting the test certificate complete as required.(For the 1st year)	3.00	Each
8.00	Testing/ calibration of Trip circuit supervision Relay Type VAX MK.II FOR HT panel GEC Alstom make COMPLETE BY RELAY TESTING SET at Airport Power house and submitting the test certificate complete as required.(For the 2nd year)	3.00	Each
9.00	Testing / calibration of Tripping Relay Type VAJ for HT Panel GEC Alstom make complete by Relay Testing set at the Airport Power house and submitting the test certificate complete as required.(For the 1st year)	3.00	Each

8000.00	48000.00	4100.00	24600.00	1500.00	9000.00	3500.00	21000.00	1500.00	9000.00
10000.00	30000.00	2850.00	8550.00	1500.00	4500.00	1500.00	4500.00	1500.00	4500.00
10000.00	30000.00	2850.00	8550.00	1500.00	4500.00	1500.00	4500.00	1500.00	4500.00
10000.00	30000.00	2500.00	7500.00	1500.00	4500.00	1500.00	4500.00	1500.00	4500.00

9000.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD
4500.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD, ABHISHEK ASSOCIATES
4500.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD, ABHISHEK ASSOCIATES
4500.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD, ABHISHEK ASSOCIATES

10.00	Testing / calibration of Tripping Relay Type VAJ for HT Panel GEC Alstom make complete by Relay Testing set at the Airport Power house and submitting the test certificate complete as required.(For the 2nd year)	3.00	Each
11.00	Testing/ calibration of Auxiliary Relay Type VAA for HT Panel GEC Alstom make complete by Relay Testing Set at the Airport Power house and submitting the test certificate complete as required.(For the 1st year)	6.00	Each
12.00	Testing/ calibration of Auxiliary Relay Type VAA for HT Panel GEC Alstom make complete by Relay Testing Set at the Airport Power house and submitting the test certificate complete as required.(For the 2nd year)	6.00	Each
13.00	Overhauling and Servicing of L&T make ACB'S of model CN-CS 800C of C- Power Series Capacity 800 A by OEM or their authorized services dealer as per manufacturers reccomandation and job includes supply of maintenance kit consist of grease, cleanent, Dusters, Scrubbers, and hardware required to carry out correct maintenance of ACB's etc. as required.(For the 1st year)	3.00	Each
14.00	Overhauling and Servicing of L&T make ACB'S of model CN-CS 800C of C- Power Series Capacity 800 A by OEM or their authorized services dealer as per manufacturers reccomandation and job includes supply of maintenance kit consist of grease, cleanent, Dusters, Scrubbers, and hardware required to carry out correct maintenance of ACB's etc. as required.(For the 2nd year)	3.00	Each

10000.00	30000.00	2500.00	7500.00	1500.00	4500.00	1500.00	4500.00	1500.00	4500.00
10000.00	60000.00	2600.00	15600.00	1500.00	9000.00	1500.00	9000.00	1500.00	9000.00
10000.00	60000.00	2600.00	15600.00	1500.00	9000.00	1500.00	9000.00	1500.00	9000.00
7500.00	22500.00	7500.00	22500.00	5000.00	15000.00	8000.00	24000.00	3500.00	10500.00
7500.00	22500.00	7500.00	22500.00	5000.00	15000.00	8000.00	24000.00	3600.00	10800.00

4500.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD, ABHISHEK ASSOCIATES
9000.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD, ABHISHEK ASSOCIATES
9000.00	ROSHAN REFRIGERATION AND ELECTRICALS, M/s CGPL ELECTROM ECH PVT LTD, ABHISHEK ASSOCIATES
10500.00	M/s CGPL ELECTROM ECH PVT LTD
10800.00	M/s CGPL ELECTROM ECH PVT LTD

15.00	Overhauling, Servicing & control wiring correction of Seimens make VCB'S Type 3AH3 Capacity 36KV, 1250 Amp by OEM or equivalent services dealer and job includes supply of maintenance kit consist of grease, cleanent, Dusters, Scrubbers, and hardware required to carry out correct maintenance of VCB's, replacement of damage door handle , free replacement all moveable Defective parts, Submission of Insulation Resistance (IR) ,Contact Resistance Measurement (CRM) & IR of Vocume bottle test report etc. as required.(For the 1st year)	3.00	Each
16.00	Overhauling, Servicing & control wiring correction of Seimens make VCB'S Type 3AH3 Capacity 36KV, 1250 Amp by OEM or equivalent services dealer and job includes supply of maintenance kit consist of grease, cleanent, Dusters, Scrubbers, and hardware required to carry out correct maintenance of VCB's,Submission of Insulation Resistance (IR) and Contact Resistance Measurement (CRM) & IR of Vocume bottle test report test report, free replacement all moveable Defective parts etc. as required.(For the 2nd year)	3.00	Each
17.00	Rewinding of 3 HP Submersible Pump moter with suitable gauge copper wire i.c varnishing, baking etc as required i.e. transportation from site to contractors workshop & back to site. Credit towards Dismaintled copper winding to be considered while quoting the tender.	4.00	Each
18.00	Rewinding of 5 HP Pump moter sets (submersible/ mono block) with suitable gauge copper wire i.c varnishing, baking etc as required i.e. transportation from site to contractors workshop & back to site. Credit towards Dismaintled copper winding to be considered while quoting the tender.	2.00	Each
19.00	Rewinding of 7.5 HP Pump moter sets (submersible) with suitable gauge copper wire i.c varnishing, baking etc as required i.e. transportation from site to contractors workshop & back to site. Credit towards Dismaintled copper winding to be considered while quoting the tender.	2.00	Each
20.00	Rewinding of 15 HP Pump moter sets (mono block) with suitable gauge copper wire i.c varnishing, baking etc as required i.e. transportation from site to contractors workshop & back to site. Credit towards Dismaintled copper winding to be considered while quoting the tender.	2.00	Each
21.00	Lowering & lifting of submersible pump sets from borewell (Depth 400 to 450 feet) upto 10 HP complete as required at site.	4.00	Job
22.00	Lighting & decoration arrangement by LED (Pleasant colourfull) on Occasion of National Festival/ Depawali /New Year /AAI Foundation day on Terminal building ,ATC Tower & Power House Including Loading ,Unloading ,Transporting & installation etc complete to the satisfaction of EIC (for the 1st year).	11.00	Job

15000.00	45000.00	9000.00	27000.00	11000.00	33000.00	12000.00	36000.00	10500.00	31500.00
15000.00	45000.00	9000.00	27000.00	11000.00	33000.00	12000.00	36000.00	10500.00	31500.00
10000.00	40000.00	6000.00	24000.00	2000.00	8000.00	2500.00	10000.00	3000.00	12000.00
12000.00	24000.00	7000.00	14000.00	2500.00	5000.00	3500.00	7000.00	3200.00	6400.00
15000.00	30000.00	9500.00	19000.00	3000.00	6000.00	5000.00	10000.00	4500.00	9000.00
25000.00	50000.00	12000.00	24000.00	5500.00	11000.00	8000.00	16000.00	7800.00	15600.00
12000.00	48000.00	8500.00	34000.00	5500.00	22000.00	4000.00	16000.00	6500.00	26000.00
3000.00	33000.00	10000.00	110000.00	9500.00	104500.00	20000.00	220000.00	10500.00	115500.00

27000.00	SHRADDHA ENGINEERING AND FACILITY SERVICES
27000.00	SHRADDHA ENGINEERING AND FACILITY SERVICES
8000.00	ROSHAN REFRIGERATION AND ELECTRICALS
5000.00	ROSHAN REFRIGERATION AND ELECTRICALS
6000.00	ROSHAN REFRIGERATION AND ELECTRICALS
11000.00	ROSHAN REFRIGERATION AND ELECTRICALS
16000.00	ABHISHEK ASSOCIATES
33000.00	Zamzam Refrigeration and airconditioning

23.00	Lighting & decoration arrangement by LED (Pleasant colourfull) on Occasion of National Festival/ Depawali /New Year /AAI Foundation day on Terminal building ,ATC Tower & Power House Including Loading ,Unloading ,Transporting & installation etc complete to the satisfaction of EIC (for the 2nd year).	11.00	Job
24.00	Painting of 8 Meter height street light pole with 2 coats of aluminium paint complete as required.	66.00	Job
25.00	Supply of KOEL CARE Premium Genuine oil 50 Litres CAN (Part No. 82.060.10.0.50) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
26.00	Supply of KOEL CARE Premium Genuine oil 5 Litres CAN (Part No. 82.00.10.0.05) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
27.00	Supply of KOEL CARE Genuine coolant Premix 26 LTR CAN (Part No. 82.020.35.1.26) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
28.00	Supply of Spinon fule Filter assly(Part No. DV8040.24.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
29.00	Supply of Fuel Filter Cartridge (Part No. DV0.020.03.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	4.00	Each
30.00	Supply of Lube oil Filter (Part No. DV0.014.11.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
31.00	Supply of Lube oil Filter (Part No. DV0.020.27.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each

3000.00	33000.00	10000.00	110000.00	9500.00	104500.00	20000.00	220000.00	10500.00	115500.00
1000.00	66000.00	1000.00	66000.00	900.00	59400.00	550.00	36300.00	650.00	42900.00
15000.00	30000.00	14000.00	28000.00	10711.86	21423.72	15144.00	30288.00	12500.00	25000.00
1500.00	3000.00	1250.00	2500.00	1223.73	2447.46	1560.00	3120.00	1250.00	2500.00
3000.00	6000.00	5000.00	10000.00	2880.51	5761.02	4079.00	8158.00	3300.00	6600.00
5000.00	10000.00	4650.00	9300.00	1392.37	2784.74	1972.00	3944.00	1700.00	3400.00
5000.00	20000.00	4650.00	18600.00	2657.63	10630.52	3716.00	14864.00	3050.00	12200.00
5000.00	10000.00	2500.00	5000.00	1110.17	2220.34	1553.00	3106.00	1350.00	2700.00
5000.00	10000.00	2500.00	5000.00	1110.17	2220.34	11331.00	22662.00	1350.00	2700.00

33000.00	Zamzam Refrigeratio n and airconditioni ng
36300.00	ABHISHEK ASSOCIATE S
21423.72	ROSHAN REFRIGERA TION AND ELECTRICA LS
2447.46	ROSHAN REFRIGERA TION AND ELECTRICA LS
5761.02	ROSHAN REFRIGERA TION AND ELECTRICA LS
2784.74	ROSHAN REFRIGERA TION AND ELECTRICA LS
10630.52	ROSHAN REFRIGERA TION AND ELECTRICA LS
2220.34	ROSHAN REFRIGERA TION AND ELECTRICA LS
2220.34	ROSHAN REFRIGERA TION AND ELECTRICA LS

32.00	Supply of Air Filter Primary (Part No:-F6.404.27.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
33.00	Supply of Air Filter Safety (Part No:-F6.404.28.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	2.00	Each
34.00	Supply of V wrapped Belt SPB AR 1170 (Part No:-DV2.016.1.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	1.00	Each
35.00	Supply of V Belt - BX58 PITCH 1520 LONG (Part No:-DV0.016.08.0.00) for servicing of 500 KVA KOEL Make D.G. Set under warrantee period as & when required.	1.00	Each
36.00	Execution of works as per CPWD DSR 2018 (E& M) & Latest CPWD Specifications . CPWD DSR (E&M) 2018 items of Chapter 1 to 10, 14 & 17. Rate shall be quoted as mentioned in clause 37 of GTT. (For first Year)	200000.00	Percentage
37.00	Execution of works as per CPWD DSR 2018 (E& M) & Latest CPWD Specifications . CPWD DSR (E&M) 2018 items of Chapter 1 to 10, 14 & 17. Rate shall be quoted as mentioned in clause 37 of GTT. (For second Year)	200000.00	Percentage

25000.00	50000.00	3100.00	6200.00	2869.49	5738.98	4064.00	8128.00	3400.00	6800.00
25000.00	50000.00	3100.00	6200.00	2063.56	4127.12	1496.00	2992.00	1250.00	2500.00
4500.00	4500.00	900.00	900.00	2161.02	2161.02	3060.00	3060.00	2510.00	2510.00
4500.00	4500.00	900.00	900.00	2043.22	2043.22	2894.00	2894.00	2400.00	2400.00
.50	100000.00	1.00	200000.00	.62	124000.00	.90	180000.00	.80	160000.00
.50	100000.00	1.00	200000.00	1.00	200000.00	.90	180000.00	.80	160000.00

5738.98	ROSHAN REFRIGERATION AND ELECTRICALS
2500.00	M/s CGPL ELECTROMECH PVT LTD
900.00	SHRADDHA ENGINEERING AND FACILITY SERVICES
900.00	SHRADDHA ENGINEERING AND FACILITY SERVICES
100000.00	Zamzam Refrigeration and airconditioning
100000.00	Zamzam Refrigeration and airconditioning

Total in Figures

7257000.00

5317860.00

5110862.48

5785828.00

5075214.00

Lowest Amount Quoted BY: M/s CGPL ELECTROMECH PVT LTD(5075214.00)