

Government eProcurement System
Created By: Shailendra Chaudhary
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Tender Title: Annual Maintenance Contract of Electrical Installations at Juhu Airport ARSR, PHHL Qtrs, Tx station Andheri west RR Station Dahisar and Outer Marker Vashi Mumbai for the year 2021 23
Tender ID: 2021_AAI_91177_1

Tender Inviting Authority: AAI

Name of work: Annual Maintenance Contract of Electrical Installations at Juhu Airport, ARSR, PHHL Qtrs, Tx station Andheri (west), R/R Sta

Contract No: 2021_AAI_91177

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	DOSHI ELECTRIC ENGG. CO.(GSTN-24AAEFD3355K17II)		Manish Electricals(GSTN-22ABLP9012E1ZY)	
					Rate	Amount	Rate	Amount
1.10	SH-I AMC for the year 1 ST Year. Rewinding of following Monoblock pump's motor with suitable gauge of copper wire i/c dismantling, cutting of burnt wire including replacing of insulator & varnishing, baking transportation etc., as required. (Credit towards dismantled copper wire & damage parts which are replaced to be consider while quoting the rate). Capacity: 0.5 HP to 1.5 HP	2.00	Job		3500.00	7000.00	3000.00	6000.00
1.20	Capacity: 3 HP to 5 HP	2.00	Job		6000.00	12000.00	4000.00	8000.00
1.30	Capacity: 7.5 HP to 10hp	2.00	Job		15000.00	30000.00	6500.00	13000.00
1.40	Rewinding of following Submersible pump's motor with suitable gauge of copper wire i/c dismantling, cutting of burnt wire including replacing of insulator, baking transportation etc., as required. (Credit towards dismantled copper wire & damage parts which are replaced to be consider while quoting the rate). Capacity: Upto 5 HP	2.00	Job		9000.00	18000.00	6000.00	12000.00
1.50	Capacity: 7.5 HP to 10hp	2.00	Job		17000.00	34000.00	7000.00	14000.00
1.60	Rewinding of 35 Hp, 3 phase submersible portable sludge dewatering (Non-Clog) pump motor set with original no of turns and same wire gauge insulated copper wire including replacement of all the internal worn out / defective parts i.e. bushes, impellers, sleeves, upper and lower bush sets, thrust bearing, oil seals, rotor grinding and balancing, assembling, job also includes transportation of motor, dismantling, termination of connecting leads, connections, testing& commissioning etc complete as and when required.(Credit towards dismantled copper wire & damage parts which are replaced to be consider while quoting the rate).	2.00	Job		40000.00	80000.00	28000.00	56000.00

L1 Amount	L1 Vendor
6000.00	Manish Electricals
8000.00	Manish Electricals
13000.00	Manish Electricals
12000.00	Manish Electricals
14000.00	Manish Electricals
56000.00	Manish Electricals

1.70	Lifting and lowering of underground well submersible pump motor set of capacity 5hp to 10 hp due to defect in existing pump on urgent basis within a short notices including connection of cables jointing of cables etc with successful testing & commosioning ets complete as and when required.	3.00	Job
1.80	Servicing repairing rewinding and replacement of defective part like bearing, bushing etc. and also transportation from site to contractors workshop & back to site, testing and commissioning etc. complete as per site requirement for the following motors (Dismantle material belongs to Contractor) 300 mm to 600 mm sweep exhaust fan	20.00	Job
1.90	1200 mm sweep Ceiling Fan	25.00	Job
2.00	Scrubbing, Cleaning and then painting of Street light poles with bracket upto 9 mtrs height with one coat of red-oxide and two coats of silver enamel paint etc. as required.	100.00	Job
2.10	Scrubbing, Cleaning and then painting of LT Panels, Outdoor Feeder Pillars at various locations of Juhu Airport, Andheri Transmitting Station, RR Station Dahisar, Outer Marker Vashi with one coat of red-oxide and two coats of enamel paint as directed by Engineer in Charge etc. as required.	80.00	sq. mtr
2.20	Replacement of loop in loop out box for Street light poles (Sintex Make) of following sizes, including DIP rail for mounting of MCB's / connectors, making interconnections as required. 240 X 130 X 95 (Model No GS-JB-2817)	25.00	Job
2.30	Making base foundation for the existing old street light pole including dismantling of old base & old cable etc., with cement concrete 1:2:4 ratio collar of size 0.4 mtr. dia at a height of 0.5 mtr.from the ground level 0.5 mtr height & PCC flat form of 0.5 mtr x 0.4 x 0.4 mtr. in the ground level around the steel light poles as required.	20.00	Job
2.40	Making base foundation for the existing old decorative street light pole including dismantling of old base & old cable etc., with cement concrete 1:2:4 ratio collar of size 0.3 mtr. dia at a height of 0.75 mtr.from the ground level, 0.25 mtr deep from the ground level & PCC flat form of 50 x 50 x 150 mm. in the ground level around the steel light poles as required.	30.00	Job
2.50	Filtration of 200KVA / 250KVA, 11KV / 0.415 KV Transformer oil , i/c dehydration of oil & breather etc. as per requirement, breakdown strength of oil should be 40KV after filtration i/c submission of test report for the oil filtration and test report for re- commissioning of Transformer to be arranged by contractor.(to be done by Authorized Service provider/agent.)	3.00	Job

8000.00	24000.00	8500.00	25500.00
1200.00	24000.00	600.00	12000.00
800.00	20000.00	350.00	8750.00
400.00	40000.00	200.00	20000.00
500.00	40000.00	150.00	12000.00
3000.00	75000.00	1800.00	45000.00
3200.00	64000.00	1800.00	36000.00
2800.00	84000.00	1500.00	45000.00
5000.00	15000.00	8000.00	24000.00

24000.00	DOSHI ELECTRIC ENGG. CO.
12000.00	Manish Electricals
8750.00	Manish Electricals
20000.00	Manish Electricals
12000.00	Manish Electricals
45000.00	Manish Electricals
36000.00	Manish Electricals
45000.00	Manish Electricals
15000.00	DOSHI ELECTRIC ENGG. CO.

2.60	Supply of transformer oil as per IS 335 with upto date amendments for topping of existing transformer i/c initial filtration to attain breakdown strength of 40KV as per IS-335.	200.00	Litre
2.70	Servicing of 11 KV HT VCB panel make Kirloskar of following relays, comprising of incomer/outgoing including fault rectification as and when required and carrying out preventive maintenance as per schedule, replacement of minor spares like control fuses and neutral links etc, job includes carrying out preventive maintenance checks, attending breakdowns, including calibration of relays etc. as required. (service to be done by Authorized Service provider/agent.) 630A, (1 incoming + 1 outgoing 11 KV HT panel) - 1 set at Andheri Transmitting Station, D N. Nagar.	1.00	Job
2.80	800A, (1 incoming + 2 outgoing, 11 KV HT panel)- 1 set at ARSR Radar, Juhu Airport.	1.00	Job
2.90	Detection of Cable fault in LT UG cable of rating 1.1 KV Grade, 3/3.5/4 core Aluminium conductor of all sizes identifying pin point location with help of cable fault finding machine including transportation, deputing extra manpower, excavation and confirmation of cable fault but excluding cable jointing etc as per site requirement	7.00	Each
3.00	Comprehensive Maintenance Contract of water purifier "Eureka Forbes" model-Hi / low machines with pre-cooler attachment (at least quarterly service to be done by Authorized Service provider) including replacement of parts etc. as required.(atleast quarterly service must be done) 8 Units x 4 Quarters = 32 Jobs	32.00	Job
3.10	Comprehensive maintenance Contract of 4 nos of Water cooler cum inbuilt water purifier of capacity (60 LPH/80 L) (of 2nos Blue Star Make (model no.SWCSDLX6080UVE) & 2 nos Conway make (Model no. 125 WHC)) i/c all necessary consumables and spares, replacing of faulty compressor, filters as and when required, carrying out servicing, cleaning of Water tank, fault finding, rectification, gas charging, labour charges etc as per special conditions completely for the period of one year complete as required 4 Units x 12 Months = 48 Jobs	48.00	Job

200.00	40000.00	175.00	35000.00
20000.00	20000.00	22000.00	22000.00
25000.00	25000.00	17000.00	17000.00
15000.00	105000.00	8500.00	59500.00
2500.00	80000.00	1500.00	48000.00
3000.00	144000.00	200.00	9600.00

35000.00	Manish Electricals
20000.00	DOSHI ELECTRIC ENGG. CO.
17000.00	Manish Electricals
59500.00	Manish Electricals
48000.00	Manish Electricals
9600.00	Manish Electricals

3.20	Providing of following materials for Celebration of Yoga day at Juhu Offices as per the requirements shown below. 1. Hiring & Erection of 15'x10' stage (1.5 feet) + white back drop. 2. Hiring and Erection of side covering (masking length) length 90 meters, height 10'. 3. Hiring and Erection of full half carpeting + white chadar (30 metre X 20 metre) 4. Hiring and Erection of outside area gate covering (masking length) length 10 metres. 5. Hiring of Pedestal 15 nos. fans with installation 6. Hiring and Erection of 15 nos table + cover + frills 7. Hiring and Erection of 10 nos VIP chairs. 8. Hiring and erection of Music system, 2 cordless mics and speakers etc. 9. Hiring and Erection of 1 no Podium. 10. Hiring 1 no Air Cooler with Installation 11. Hiring of 10 nos LED lights with Installation	1.00	Job
3.30	Decoration of Juhu Offices with LED serial lighting and RGB pattern lighting on special occasions / nationally important days as per the requirements shown below. For Republic Day :- 1. Hiring and erection of 20' X 14' stage -1 No 2. Hiring and erection of steps - 2 Nos 3. Hiring and erection of 20' X 8' Back Drop - 1 No 4. Hiring and erection of 30 X 8.5 stage covering - 1 No 5. Hiring and erection of steel sofas with coverings - 6 Nos 6. Hiring and erection of chairs - 200 Nos 7. Hiring and erection of Tables with coverings - 10 Nos 8. Hiring and erection of 150 X 6 woollen carpet - 1 No 9. Hiring and erection of White LED Lights (100 w Flood Light) - 10 Nos 10. Hiring and erection of Sound System colour LED for stage - 1 No 11. Hiring and erection of Balloons - 1000 Nos 12. Hiring and erection of Pedestal Fans - 20 Nos 13. Hiring and erection of VIP Chairs - 10 Nos 14. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Republic day to 6.00 hrs on the day after Republic day) 15. Hiring and erection of Halogen / Flood Light in Tri Colour Theme (Saffron, White & Green) - at Main Gate, Juhu Office . (Starting from 18.00 hrs on day before Republic day to 6.00 hrs on the day after Republic day)	1.00	Job

100000.00	100000.00	90000.00	90000.00
200000.00	200000.00	105000.00	105000.00

90000.00	Manish Electricals
105000.00	Manish Electricals

3.40	For Independence Day :- 1. Hiring and erection of 20' X 14' stage -1 No 2. Hiring and erection of steps - 2 Nos 3. Hiring and erection of 20' X 8' Back Drop - 1 No 4. Hiring and erection of 30 X 8.5 stage covering - 1 No 5. Hiring and erection of steel sofas with coverings - 6 Nos 6. Hiring and erection of chairs - 200 Nos 7. Hiring and erection of Tables with coverings - 10 Nos 8. Hiring and erection of 150 X 6 woollen carpet - 1 No 9. Hiring and erection of White LED Lights (100 w Flood Light) - 10 Nos 10. Hiring and erection of Sound System colour LED for stage - 1 No 11. Hiring and erection of Balloons - 1000 Nos 12. Hiring and erection of Pedestal Fans - 20 Nos 13. Hiring and erection of VIP Chairs - 10 Nos 14. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Independence day to 6.00 hrs on the day after Independence day) 15. Hiring and erection of Halogen / Flood Light in Tri Colour Theme (Saffron, White & Green) - at Main Gate, Juhu Office . (Starting from 18.00 hrs on day before Independence day) to 6.00 hrs on the day after Independence day)	1.00	Job
3.50	Decoration of Juhu Offices with LED series lighting with RGB pattern lighting on AAI Foundation day (Starting from 18.00 hrs on day before foundation day to 6.00 hrs on the day after foundation day) Each occasion in an year. 1. Hiring and erection of LED series light not less than 500 Meters	1.00	Job
3.60	Decoration of Juhu Offices with with LED serial lighting and RGB pattern lighting on special occasions / festival days as per the requirements shown below. 1. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Diwali day to 6.00 hrs on the day after Bhai Dhuj day) 2. Hiring and Erection of Diwali Kandil / Lantern including lamp holder and connecting wire complete as required - Not Less than 50 Nos (four days - starting from 18:00 hrs on day before Diwali, Diwali day, Bhai Dhooj Day and till 6:00 hrs on day after Bhai Dhooj day)	1.00	Job
3.70	Decoration of entry gatewith RGB Focus lights (25 nos.high lumens/wattage) on the occasion of diwali festivals for 4 days as per site requirement.	1.00	Job

200000.00	200000.00	105000.00	105000.00
50000.00	50000.00	75000.00	75000.00
70000.00	70000.00	85000.00	85000.00
50000.00	50000.00	85000.00	85000.00

105000.00	Manish Electricals
50000.00	DOSHI ELECTRIC ENGG. CO.
70000.00	DOSHI ELECTRIC ENGG. CO.
50000.00	DOSHI ELECTRIC ENGG. CO.

3.80	Decoration of Juhu Offices with with LED serial lighting and RGB pattern lighting on Chrismas & New Year as per the requirements shown below. 1. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Chrismas i.e. 24th December to 6.00 hrs on the day after 1st January day) 2. Hiring and Erection of Star Kandil / Lantern including lamp holder and connecting wire complete as required - Not Less than 50 Nos.	1.00	Job
3.90	Hiring of 12 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	10.00	day
4.00	Hiring of 45 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	2.00	day
4.10	Hiring of JCB With driver including Diesel for 9 working hours including lunch break of 1 hr.	30.00	Job
4.20	Hire charges of 1 no. Hydra crane With driver, fuel for shifting and installing submersible pump sets on precautionary measures during cyclone and rainy season for 9 working hours including lunch break of 1 hr. etc complete as required.	10.00	Job
4.30	Hire charges for providing One Number Bolero/TUV 300+,Air-conditioned or Equivalent Vehicle along with driver cum electrician, fuel, insurance, all consumables etc. for all days including sunday and holidays. monthly usage is limited to 1500 Kms and period of useage is round the clock [24 Hrs.]	12.00	Month
4.40	Servicing & Repairing of APFC panel installed at ARSR, Juhu Airport power house & Tx station power house including diagnosis of fault, replacement of required spares/parts, checking & testing of the panel etc complete as and when required.	2.00	Job
4.50	Annual Maintenance Contract of 1X 62.5 KVA, 3 phase Ashok Leyland make DG set including other accessories. Job includes monthly visits for carrying out preventive maintenance attending any number of breakdown calls as and when required.(service to be done by Authorized Service dealer) 2 Units x 12 Months = 24 Job	24.00	Job
4.60	Supply of B check kit for 1X 62.5 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
4.70	Supply of C check kit for 1X 62.5 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
4.80	Annual Maintenance Contract of 1X 10 KVA, single phase, Ashok Leyland make DG set including other accessories. Job includes monthly visits for carrying out preventive maintenance attending any number of breakdown calls as and when required.(service to be done by Authorized Service dealer) 2 Units x 12 Months = 24 Job	24.00	Job

50000.00	50000.00	85000.00	85000.00
13000.00	130000.00	8000.00	80000.00
35000.00	70000.00	18000.00	36000.00
13000.00	390000.00	7500.00	225000.00
18000.00	180000.00	15000.00	150000.00
65000.00	780000.00	28000.00	336000.00
35000.00	70000.00	15000.00	30000.00
6000.00	144000.00	2800.00	67200.00
9000.00	18000.00	4000.00	8000.00
32000.00	64000.00	17000.00	34000.00
2000.00	48000.00	1800.00	43200.00

50000.00	DOSHI ELECTRIC ENGG. CO.
80000.00	Manish Electricals
36000.00	Manish Electricals
225000.00	Manish Electricals
150000.00	Manish Electricals
336000.00	Manish Electricals
30000.00	Manish Electricals
67200.00	Manish Electricals
8000.00	Manish Electricals
34000.00	Manish Electricals
43200.00	Manish Electricals

4.90	Supply of B check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
5.00	Supply of C check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
5.10	Supply of following type batteries for DG sets and other installations. All the batteries shall have a warranty of at least two years. 12V, 88 Ah, lead acid battery	2.00	Each
5.20	12V, 120 Ah, lead acid battery	4.00	Each
5.30	12V, 150 Ah, lead acid battery	7.00	Each
5.40	Repairing/servicing of motorized sliding gate of following sizes including oiling and greasing, replacement of required spares/parts, checking & testing of the control drive etc complete as and when required. size: 7200 x 2000 mm	1.00	Job
5.50	Overhauling, servicing and testing of High Mast of Following Sizes involving repair , maintenance , attending complaints/ faults/breakdowns, replacement of defective items and taking rectification action, ensuring serviceability / satisfactory working condition of the systems etc complete as and when required. 12.5 Meter High Mast	2.00	Job
5.60	16 Meter High Mast	2.00	Job
5.70	20 Meter High Mast	3.00	Job
5.80	Providing 1 no. Computer Operator (Highly Skilled Manpower) for office records upkeep / computer operation on all days excluding Sunday.	12.00	Month
5.90	Hiring of unskilled labour during monsoon season 8 hours per day in all working days (including sundays)	120.00	day
6.00	Execution of complete item from (chapter 1 to 10) of CPWD delhi schedule of rates (electrical) 2018.[up to a ceiling limit of Rs. 500000.00] The materials used for executing the DSR items shall be as per the approved make list of AAI.(rates shall be quoted in multiples e.g 0.99 or 1.01% above/below)	500000.00	Job
6.10	SH-II AMC for the year 2 nd Year. Rewinding of following Monoblock pump's motor with suitable gauge of copper wire i/c dismantling, cutting of burnt wire including replacing of insulator & varnishing, baking transportation etc., as required. (Credit towards dismantled copper wire & damage parts which are replaced to be consider while quoting the rate). Capacity: 0.5 HP to 1.5 HP	2.00	Job
6.20	Capacity: 3 HP to 5 HP	2.00	Job

4000.00	8000.00	1500.00	3000.00
15000.00	30000.00	14500.00	29000.00
11000.00	22000.00	2200.00	4400.00
15000.00	60000.00	6500.00	26000.00
20000.00	140000.00	10500.00	73500.00
20000.00	20000.00	35000.00	35000.00
10000.00	20000.00	10000.00	20000.00
15000.00	30000.00	12000.00	24000.00
20000.00	60000.00	15000.00	45000.00
25000.00	300000.00	23800.00	285600.00
500.00	60000.00	710.00	85200.00
.90	450000.00	.70	350000.00
3700.00	7400.00	3100.00	6200.00
6300.00	12600.00	4100.00	8200.00

3000.00	Manish Electricals
29000.00	Manish Electricals
4400.00	Manish Electricals
26000.00	Manish Electricals
73500.00	Manish Electricals
20000.00	DOSHI ELECTRIC ENGG. CO.
20000.00	DOSHI ELECTRIC ENGG. CO., Manish Electricals
24000.00	Manish Electricals
45000.00	Manish Electricals
285600.00	Manish Electricals
60000.00	DOSHI ELECTRIC ENGG. CO.
350000.00	Manish Electricals
6200.00	Manish Electricals
8200.00	Manish Electricals

6.30	Capacity: 7.5 HP	2.00	Job
6.40	Rewinding of following Submersible pump's motor with suitable gauge of copper wire i/c dismantling, cutting of burnt wire including replacing of insulator, baking transportation etc., as required. (Credit towards dismantled copper wire & damage parts which are replaced to be consider while quoting the rate). Capacity: Upto 5 HP	2.00	Job
6.50	Capacity: 7.5 HP to 10hp	2.00	Job
6.60	Rewinding of 35 Hp, 3 phase submersible portable sludge dewatering (Non-Clog) pump motor set with original no of turns and same wire gauge insulated copper wire including replacement of all the internal worn out / defective parts i.e. bushes, impellers, sleeves, upper and lower bush sets, thrust bearing, oil seals, rotor grinding and balancing, assembling, job also includes transportation of motor, dismantling, termination of connecting leads, connections, testing & commissioning etc complete as and when required.(Credit towards dismantled copper wire & damage parts which are replaced to be consider while quoting the rate).	2.00	Job
6.70	Lifting and lowering of underground well submersible pump motor set of capacity 5hp to 10 hp due to defect in existing pump on urgent basis within a short notices including connection of cables jointing of cables etc with successful testing & commosioning ets complete as and when required.	3.00	Job
6.80	Servicing repairing rewinding and replacement of defective part like bearing, bushing etc. and also transportation from site to contractors workshop & back to site, testing and commissioning etc. complete as per site requirement for the following motors (Dismantle material belongs to Contractor) 300 mm to 600 mm sweep exhaust fan	20.00	Job
6.90	1200 mm sweep Ceiling Fan	25.00	Job
7.00	Scrubbing, Cleaning and then painting of Street light poles with bracket upto 9 mtrs height with one coat of red-oxide and two coats of silver enamel paint etc. as required.	100.00	Job
7.10	Scrubbing, Cleaning and then painting of LT Panels, Outdoor Feeder Pillars at various locations of Juhu Airport, Andheri Transmitting Station, RR Station Dahisar, Outer Marker Vashi with one coat of red-oxide and two coats of enamel paint as directed by Engineer in Charge etc. as required.	80.00	sq. mtr
7.20	Replacement of loop in loop out box for Street light poles (Sintex Make) of following sizes, including DIP rail for mounting of MCB's / connectors, making interconnections as required. 240 X 130 X 95 (Model No GS-JB-2817)	25.00	Job

15750.00	31500.00	6600.00	13200.00
9450.00	18900.00	6100.00	12200.00
17850.00	35700.00	7100.00	14200.00
42000.00	84000.00	28100.00	56200.00
8400.00	25200.00	8600.00	25800.00
1260.00	25200.00	650.00	13000.00
840.00	21000.00	400.00	10000.00
945.00	94500.00	210.00	21000.00
525.00	42000.00	170.00	13600.00
3150.00	78750.00	1900.00	47500.00

13200.00	Manish Electricals
12200.00	Manish Electricals
14200.00	Manish Electricals
56200.00	Manish Electricals
25200.00	DOSHI ELECTRIC ENGG. CO.
13000.00	Manish Electricals
10000.00	Manish Electricals
21000.00	Manish Electricals
13600.00	Manish Electricals
47500.00	Manish Electricals

7.30	Making base foundation for the existing old street light pole including dismantling of old base & old cable etc., with cement concrete 1:2:4 ratio collar of size 0.4 mtr. dia at a height of 0.5 mtr. from the ground level 0.5 mtr height & PCC flat form of 0.5 mtr x 0.4 x 0.4 mtr. in the ground level around the steel light poles as required.	20.00	Job
7.40	Making base foundation for the existing old decorative street light pole including dismantling of old base & old cable etc., with cement concrete 1:2:4 ratio collar of size 0.3 mtr. dia at a height of 0.75 mtr. from the ground level, 0.25 mtr deep from the ground level & PCC flat form of 50 x 50 x 150 mm. in the ground level around the steel light poles as required.	30.00	Job
7.50	Filtration of 200KVA / 250KVA, 11KV / 0.415 KV Transformer oil, i/c dehydration of oil & breather etc. as per requirement, breakdown strength of oil should be 40KV after filtration i/c submission of test report for the oil filtration and test report for re-commissioning of Transformer to be arranged by contractor. (to be done by Authorized Service provider/agent.)	3.00	Job
7.60	Supply of transformer oil as per IS 335 with upto date amendments for topping of existing transformer i/c initial filtration to attain breakdown strength of 40KV as per IS-335.	200.00	Litre
7.70	Servicing of 11 KV HT VCB panel make Kirloskar of following relays, comprising of incomer/outgoing including fault rectification as and when required and carrying out preventive maintenance as per schedule, replacement of minor spares like control fuses and neutral links etc, job includes carrying out preventive maintenance checks, attending breakdowns, including calibration of relays etc. as required. (service to be done by Authorized Service provider/agent.) 630A, (1 incoming + 1 outgoing 11 KV HT panel) - 1 set at Andheri Transmitting Station, D N. Nagar.	1.00	Job
7.80	800A, (1 incoming + 2 outgoing, 11 KV HT panel) - 1 set at ARSR Radar, Juhu Airport.	1.00	Job
7.90	Detection of Cable fault in LT UG cable of rating 1.1 KV Grade, 3/3.5/4 core Aluminium conductor of all sizes identifying pin point location with help of cable fault finding machine including transportation, deputing extra manpower, excavation and confirmation of cable fault but excluding cable jointing etc as per site requirement	7.00	Each
8.00	Comprehensive Maintenance Contract of water purifier "Eureka Forbes" model-Hi / low machines with pre-cooler attachment (at least quarterly service to be done by Authorized Service provider) including replacement of parts etc. as required. (at least quarterly service must be done) 8 Units x 4 Quarters = 32 Jobs	32.00	Job

3360.00	67200.00	1900.00	38000.00
2940.00	88200.00	1600.00	48000.00
5250.00	15750.00	8200.00	24600.00
210.00	42000.00	180.00	36000.00
21000.00	21000.00	22100.00	22100.00
26250.00	26250.00	17100.00	17100.00
15750.00	110250.00	8600.00	60200.00
2625.00	84000.00	1600.00	51200.00

38000.00	Manish Electricals
48000.00	Manish Electricals
15750.00	DOSHI ELECTRIC ENGG. CO.
36000.00	Manish Electricals
21000.00	DOSHI ELECTRIC ENGG. CO.
17100.00	Manish Electricals
60200.00	Manish Electricals
51200.00	Manish Electricals

8.10	Comprehensive maintenance Contract of 4 nos of Water cooler cum inbuilt water purifier of capacity (60 LPH/80 L) (of 2nos Blue Star Make (model no.SWCSDLX6080UVE) & 2 nos Conway make (Model no. 125 WHC)) i/c all necessary consumables and spares, replacing of faulty compressor, filters as and when required, carrying out servicing, cleaning of Water tank, fault finding, rectification, gas charging, labour charges etc as per special conditions completely for the period of one year complete as required 4 Units x 12 Months = 48 Jobs	48.00	Job
8.20	Providing of following materials for Celebration of Yoga day at Juhu Offices as per the requirements shown below. 1. Hiring & Erection of 15'x10' stage (1.5 feet) + white back drop. 2. Hiring and Erection of side covering (masking length) length 90 meters, height 10'. 3. Hiring and Erection of full half carpeting + white chadar (30 metre X 20 metre) 4. Hiring and Erection of outside area gate covering (masking length) length 10 metres. 5. Hiring of Pedestal 15 nos. fans with installation 6. Hiring and Erection of 15 nos table + cover + frills 7. Hiring and Erection of 10 nos VIP chairs. 8. Hiring and erection of Music system, 2 cordless mics and speakers etc. 9. Hiring and Erection of 1 no Podium. 10. Hiring 1 no Air Cooler with Installation 11. Hiring of 10 nos LED lights with Installation	1.00	Job

3150.00	151200.00	210.00	10080.00
105000.00	105000.00	91000.00	91000.00

10080.00	Manish Electricals
91000.00	Manish Electricals

8.30	Decoration of Juhu Offices with LED serial lighting and RGB pattern lighting on special occasions / nationally important days as per the requirements shown below. For Republic Day :- 1. Hiring and erection of 20' X 14' stage -1 No 2. Hiring and erection of steps - 2 Nos 3. Hiring and erection of 20' X 8' Back Drop - 1 No 4. Hiring and erection of 30 X 8.5 stage covering - 1 No 5. Hiring and erection of steel sofas with coverings - 6 Nos 6. Hiring and erection of chairs - 200 Nos 7. Hiring and erection of Tables with coverings - 10 Nos 8. Hiring and erection of 150 X 6 woollen carpet - 1 No 9. Hiring and erection of White LED Lights (100 w Flood Light) - 10 Nos 10. Hiring and erection of Sound System colour LED for stage - 1 No 11. Hiring and erection of Balloons - 1000 Nos 12. Hiring and erection of Pedestal Fans - 20 Nos 13. Hiring and erection of VIP Chairs - 10 Nos 14. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Republic day to 6.00 hrs on the day after Republic day) 15. Hiring and erection of Halogen / Flood Light in Tri Colour Theme (Saffron, White & Green) - at Main Gate, Juhu Office . (Starting from 18.00 hrs on day before Republic day to 6.00 hrs on the day after Republic day)	1.00	Job
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210000.00	210000.00	105000.00	105000.00
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105000.00	Manish Electricals
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8.40	For Independence Day :- 1. Hiring and erection of 20' X 14' stage -1 No 2. Hiring and erection of steps - 2 Nos 3. Hiring and erection of 20' X 8' Back Drop - 1 No 4. Hiring and erection of 30 X 8.5 stage covering - 1 No 5. Hiring and erection of steel sofas with coverings - 6 Nos 6. Hiring and erection of chairs - 200 Nos 7. Hiring and erection of Tables with coverings - 10 Nos 8. Hiring and erection of 150 X 6 woollen carpet - 1 No 9. Hiring and erection of White LED Lights (100 w Flood Light) - 10 Nos 10. Hiring and erection of Sound System colour LED for stage - 1 No 11. Hiring and erection of Balloons - 1000 Nos 12. Hiring and erection of Pedestal Fans - 20 Nos 13. Hiring and erection of VIP Chairs - 10 Nos 14. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Independence day to 6.00 hrs on the day after Independence day) 15. Hiring and erection of Halogen / Flood Light in Tri Colour Theme (Saffron, White & Green) - at Main Gate, Juhu Office . (Starting from 18.00 hrs on day before Independence day) to 6.00 hrs on the day after Independence day)	1.00	Job
8.50	Decoration of Juhu Offices with LED series lighting with RGB pattern lighting on AAI Foundation day (Starting from 18.00 hrs on day before foundation day to 6.00 hrs on the day after foundation day) Each occasion in an year. 1. Hiring and erection of LED series light not less than 500 Meters	1.00	Job
8.60	Decoration of Juhu Offices with with LED serial lighting and RGB pattern lighting on special occasions / festival days as per the requirements shown below. 1. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Diwali day to 6.00 hrs on the day after Bhai Dhuj day) 2. Hiring and Erection of Diwali Kandil / Lantern including lamp holder and connecting wire complete as required - Not Less than 50 Nos (four days - starting from 18:00 hrs on day before Diwali, Diwali day, Bhai Dhooj Day and till 6:00 hrs on day after Bhai Dhooj day)	1.00	Job
8.70	Decoration of entry gatewith RGB Focus lights (25 nos.high lumens/wattage) on the occasion of diwali festivals for 4 days as per site requirement.	1.00	Job

210000.00	210000.00	105000.00	105000.00
52500.00	52500.00	75100.00	75100.00
73500.00	73500.00	85100.00	85100.00
52500.00	52500.00	85100.00	85100.00

105000.00	Manish Electricals
52500.00	DOSHI ELECTRIC ENGG. CO.
73500.00	DOSHI ELECTRIC ENGG. CO.
52500.00	DOSHI ELECTRIC ENGG. CO.

8.80	Decoration of Juhu Offices with with LED serial lighting and RGB pattern lighting on Chrismas & New Year as per the requirements shown below. 1. Hiring and erection of LED series light not less than 500 Meters (Starting from 18.00 hrs on day before Chrismas i.e. 24th December to 6.00 hrs on the day after 1st January day) 2. Hiring and Erection of Star Kandil / Lantern including lamp holder and connecting wire complete as required - Not Less than 50 Nos.	1.00	Job
8.90	Hiring of 12 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	10.00	day
9.00	Hiring of 45 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	2.00	day
9.10	Hiring of JCB With driver including Diesel for 9 working hours including lunch break of 1 hr.	30.00	Job
9.20	Hire charges of 1 no. Hydra crane With driver, fuel for shifting and installing submersible pump sets on precautionary measures during cyclone and rainy season for 9 working hours including lunch break of 1 hr. etc complete as required.	10.00	Job
9.30	Hire charges for providing One Number Bolero/TUV 300+,Air-conditioned or Equivalent Vehicle along with driver cum electrician, fuel, insurance, all consumables etc. for all days including sunday and holidays. monthly usage is limited to 1500 Kms and period of useage is round the clock [24 Hrs.]	12.00	Month
9.40	Servicing & Repairing of APFC panel installed at ARSR, Juhu Airport power house & Tx station power house including diagnosis of fault, replacement of required spares/parts, checking & testing of the panel etc complete as and when required.	2.00	Job
9.50	Annual Maintenance Contract of 1X 62.5 KVA, 3 phase Ashok Leyland make DG set including other accessories. Job includes monthly visits for carrying out preventive maintenance attending any number of breakdown calls as and when required.(service to be done by Authorized Service dealer) 2 Units x 12 Months = 24 Job	24.00	Job
9.60	Supply of B check kit for 1X 62.5 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
9.70	Supply of C check kit for 1X 62.5 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
9.80	Annual Maintenance Contract of 1X 10 KVA, single phase, Ashok Leyland make DG set including other accessories. Job includes monthly visits for carrying out preventive maintenance attending any number of breakdown calls as and when required.(service to be done by Authorized Service dealer) 2 Units x 12 Months = 24 Job	24.00	Job

52500.00	52500.00	85100.00	85100.00
13650.00	136500.00	8100.00	81000.00
36750.00	73500.00	18100.00	36200.00
13650.00	409500.00	7600.00	228000.00
18900.00	189000.00	15100.00	151000.00
68250.00	819000.00	28500.00	342000.00
36750.00	73500.00	15500.00	31000.00
6300.00	151200.00	2850.00	68400.00
9450.00	18900.00	4100.00	8200.00
33600.00	67200.00	17100.00	34200.00
2100.00	50400.00	1900.00	45600.00

52500.00	DOSHI ELECTRIC ENGG. CO.
81000.00	Manish Electricals
36200.00	Manish Electricals
228000.00	Manish Electricals
151000.00	Manish Electricals
342000.00	Manish Electricals
31000.00	Manish Electricals
68400.00	Manish Electricals
8200.00	Manish Electricals
34200.00	Manish Electricals
45600.00	Manish Electricals

9.90	Supply of B check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
10.00	Supply of C check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2.00	Job
10.10	Supply of following type batteries for DG sets and other installations. All the batteries shall have a warranty of at least two years. 12V, 88 Ah, lead acid battery	2.00	Each
10.20	12V, 120 Ah, lead acid battery	4.00	Each
10.30	12V, 150 Ah, lead acid battery	7.00	Each
10.40	Repairing/servicing of motorized sliding gate of following sizes including oiling and greasing, replacement of required spares/parts, checking & testing of the control drive etc complete as and when required. size: 7200 x 2000 mm	1.00	Job
10.50	Overhauling, servicing and testing of High Mast of Following Sizes involving repair , maintenance , attending complaints/ faults/breakdowns, replacement of defective items and taking rectification action, ensuring serviceability / satisfactory working condition of the systems etc complete as and when required. 12.5 Meter High Mast	2.00	Job
10.60	16 Meter High Mast	2.00	Job
10.70	20 Meter High Mast	3.00	Job
10.80	Providing 1 no. Computer Operator (Highly Skilled Manpower) for office records upkeep / computer operation on all days excluding Sunday.	12.00	Month
10.90	Hiring of unskilled labour during monsoon season 8 hours per day in all working days (including sundays)	120.00	day
11.00	Execution of complete item from (chapter 1 to 10) of CPWD delhi schedule of rates (electrical) 2018.[up to a ceiling limit of Rs. 500000.00] The materials used for executing the DSR items shall be as per the approved make list of AAI.(rates shall be quoted in multiples e.g 0.99 or 1.01% above/below)	500000.00	Job

4200.00	8400.00	1600.00	3200.00
15750.00	31500.00	15000.00	30000.00
11550.00	23100.00	2500.00	5000.00
15750.00	63000.00	6600.00	26400.00
21000.00	147000.00	11000.00	77000.00
21000.00	21000.00	35100.00	35100.00
10500.00	21000.00	12000.00	24000.00
15750.00	31500.00	12000.00	24000.00
21000.00	63000.00	15000.00	45000.00
26250.00	315000.00	24000.00	288000.00
525.00	63000.00	750.00	90000.00
.95	475000.00	.70	350000.00

3200.00	Manish Electricals
30000.00	Manish Electricals
5000.00	Manish Electricals
26400.00	Manish Electricals
77000.00	Manish Electricals
21000.00	DOSHI ELECTRIC ENGG. CO.
21000.00	DOSHI ELECTRIC ENGG. CO.
24000.00	Manish Electricals
45000.00	Manish Electricals
288000.00	Manish Electricals
63000.00	DOSHI ELECTRIC ENGG. CO.
350000.00	Manish Electricals

Total in Figures

9884800.00

6351530.00

Lowest Amount Quoted BY: Manish Electricals(6351530.00)