



संदर्भ सं.: भाविप्रा/प.क्षे./वरिष्ठ प्रबंधक (इंजी-विद्युत)/जुहू/इमडब्लू-07/2021-22/

Ref. No: AAI/WR/SM (ENGG. -ELECT.)/JUHU/MW-07/2021-22/

SS (1 To 13)

दिनांक: 29/10/2021

Date: 29/10/2021

सेवा में/ To,

मेसर्स मनीष इलेक्ट्रिकल्स / M/s Manish Electricals

कल्पना नगर / Kalpana Nagar, नियर / Near 7 No,

चौराहा / Chouraha, मोरार / Morar,

ग्वालियर / Gwalior-474006.

विषय/ Sub: :- ए.एम.सी. ऑफ इलेक्ट्रिकल इंस्टालेशन एट जुहू एयरपोर्ट, एआरएसआर, पीएचएचएल क्वार्टर, ट्रान्स.स्टेशन

अंधेरी, आर/आर स्टेशन दहिसर अंड औटर मार्कर वाशी, मुंबई 2021-23 / Annual Maintenance

Contract of Electrical Installations at Juhu Airport, ARSR, PHHL Qtrs, Tx station

Andheri (west), R/R Station Dahisar & Outer Marker Vashi, Mumbai for the year 2021-23.

संदर्भ :- ई-निविदा नं. 2021_AAI_91177_1

E-tender Id. 2021_AAI_91177_1

महोदय, / Dear Sir(s),

1. उपर उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है, आपके द्वारा बताए गये मद मूल्यों पर आपकी ई-निविदा राशि कुल **रु. 63,51,530.00 (रुपए सिक्स्सी थ्री लाख फिफ्टी वन थौजेंड फाइव हंड्रेड थर्टी मात्र) + जीएसटी** है, जो कि ई-निविदा की अनुमानित / उचित लागत राशि **रु. 63,85,622.00 + जीएसटी** से, **0.54 %** नीचे है। एजन्सी द्वारा वैध टैक्स इन्वाइस प्रस्तुत करने पर जीएसटी अदा किया जाएगा। महाराष्ट्र राज्य के लिए एएआई जीएसटी क्र. GSTIN27AAACA6412D1Z8 है।

Your e-tender for the work mentioned above is hereby accepted on behalf of The Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 63,51,530.00 (Rupees Sixty Three Lacs Fifty One Thousand Five Hundred Thirty only) + GST as applicable**, which is **0.54 %** below the Estimated / Justified cost put to tender of **Rs. 63,85,622.00 + GST**. GST will be paid against valid Tax invoice for Maharashtra state AAI GST no. is GSTIN27AAACA6412D1Z8

2. वरिष्ठ प्रबंधक (इंजी-विद्युत), भाविप्रा जुहू एयरपोर्ट, एस वी रोड, विलेपार्ले (वेस्ट), मुंबई-400056, कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आपकी ओर से एक विश्वसनीय प्रतिनिधी प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **08/11/2021** तक वरिष्ठ प्रबंधक (इंजी-विद्युत), भाविप्रा जुहू एयरपोर्ट, एस वी रोड, विलेपार्ले (वेस्ट), मुंबई-400056 के कार्यालय में उपस्थित हो तथा करारनामे को पुरा करें। ठेके का करारनामा **रु.100/-** के नॉन ज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

Sr.Manager (ENGG. - ELECT.) AAI Juhu Airport, S.V.Road, Vile Parle (W), Mumbai-400056 shall be the Engineer-In-Charge of this work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office to the Sr.Manager (ENGG- ELECT.), AAI Juhu Airport S.V. Road, Vile Parle (W), Mumbai-400056 by **08/11/2021** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- and the cost of the stamp paper shall be borne by you.

3. भारत सरकार के वित्त मंत्रालय के आदेशानुसार मेमोरेण्डम दिनांक-12 नवम्बर 2021 निविदा कार्य के लिए धरोहर राशी शुल्क का भुगतान नहीं करने की छूट का प्रावधान है।

As per directive of Govt. of India, Ministry of Finance vide memorandum dtd-12th Nov. 2020, EMD, has been exempted for this tender / work.

4. कृपया रु . 6,35,153.00 (रुपये सिक्स लाख थर्टी फाइव थौजेड वन हंडरेड फिफटी थ्री मात्र) प्रतिभूति जमा के रूप में यह पत्र जारी करने के तारीख बाद 10 दिन के अंदर जमा किजीये। जमा करने की असफलता में वह राशि बिल से ठेके की शर्तों के अनुसार काट दी जायेगी। / Please deposit Rs. 6,35,153.00 (Rupees Six Lakhs Thirty Five Thousand One Hundred and Fifty Three only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your bill as per contract conditions.
5. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम (नियम तथा उन्मुलन) 1971 के केन्द्रीय नियम श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।
You are requested to comply with provision of contract labour (Regulation and Abolition Act 1970 and contract labour Regulation & Abolition) Central rule 1971 and minimum wages Act & rules thereof central and safe Govt.
6. आपको यह निर्देश दिया जाता है कि आप सहायक प्रबन्धक (इंजी-विद्युत), जुहू हवाई अड्डा से संपर्क करें जो आपको साईट सौंपने की व्यवस्था करेंगे।
You are directed to contact Asstt.Manager (E-E), Juhu Airport immediately who will arrange to handover the site.
7. कृपया नोट कर लें कि काम करने का अनुमानित समय ट्वेंटी फोर (24) माह है जोकि दिनांक 01/11/2021 से गिना जाएगा।
Please note that the time allowed for carrying out to complete the work is **Twenty Four (24) months**, which shall be reckoned **from 01/11/2021**.
8. इस ठेके के संबंध में आगे का कोई भी पत्राचार वरिष्ठ प्रबंधक (इंजी-विद्युत), भाविप्रा जुहू एयरपोर्ट, एस वी रोड, जुहू एयरपोर्ट, विले पार्ले (वेस्ट), मुंबई-400056 के पते पर किया जाए।
Any further correspondence in connection with the contract should normally be addressed to Sr.Manager (E-E), AAI Juhu Airport, SV Road, Juhu Airport, Vile Parle (W), Mumbai - 400056..
9. कृपया पावती भेजें तथा इस आदेश की दोहरी प्रति आपके हस्ताक्षर के पश्चात इस कार्यालय में भेजें जो कि स्वीकृती टोकन समझा जाएगा।
Please acknowledge the receipt and return the duplicate copy of this order enclosed herewith after signing to the undersigned as a token of acceptance.
यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।
If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद/ Thanking You,

Encl: 1. SOQ

भवदीय / Yours faithfully,

(शैलेन्द्र चौधरी) / (Shailendra Chaudhary)

वरिष्ठ प्रबंधक (इंजी-विद्युत),

SR.MANAGER (ENGG-ELECT)

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

For and on behalf of Chairman, Airports Authority of India

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 Station Dahisar & Outer Marker Vashi, Mumbai for the year 2021-23.

Contract No: 2021_AAI_91177

Name of the Bidder/ Bidding Firm / Company		Manish Electricals				
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1.1	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	Job	3000.00	6000.00	INR Six Thousand Only
1.2	Capacity: 3 HP to 5 HP	2	Job	4000.00	8000.00	INR Eight Thousand Only
1.3	Capacity: 7.5 HP to 10hp	2	Job	6500.00	13000.00	INR Thirteen Thousand Only
1.4	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	Job	6000.00	12000.00	INR Twelve Thousand Only
1.5	Capacity: 7.5 HP to 10hp	2	Job	7000.00	14000.00	INR Fourteen Thousand Only
1.6	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	Job	28000.00	56000.00	INR Fifty Six Thousand Only
1.7	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	Job	8500.00	25500.00	INR Twenty Five Thousand Five Hundred Only

1.8	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	Job	600.00	12000.00	INR Twelve Thousand Only
1.9	1200 mm sweep Ceiling Fan	25	Job	350.00	8750.00	INR Eight Thousand Seven Hundred
2	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	Job	200.00	20000.00	INR Twenty Thousand Only
2.1	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	sq. mtr	150.00	12000.00	INR Twelve Thousand Only
2.2	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	Job	1800.00	45000.00	INR Forty Five Thousand Only
2.3	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	Job	1800.00	36000.00	INR Thirty Six Thousand Only
2.4	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	Job	1500.00	45000.00	INR Forty Five Thousand Only
2.5	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	Job	8000.00	24000.00	INR Twenty Four Thousand Only
2.6	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	Litre	175.00	35000.00	INR Thirty Five Thousand Only
2.7	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	Job	22000.00	22000.00	INR Twenty Two Thousand Only
2.8	800A, (1 incoming + 2 outgoing, 11 KV HT panel) - 1 set at ARSR Radar, Juhu Airport.	1	Job	17000.00	17000.00	INR Seventeen Thousand Only

2.9	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	Each	8500.00	59500.00	INR Fifty Nine Thousand Five Hundred Only
3	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	Job	1500.00	48000.00	INR Forty Eight Thousand Only
3.1	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	Job	200.00	9600.00	INR Nine Thousand Six Hundred Only
3.2	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	Job	90000.00	90000.00	INR Ninety Thousand Only
3.3	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	Job	105000.00	105000.00	INR One Lakh Five Thousand Only

3.4	<u>For Independence Day :-</u> 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	Job	105000.00	105000.00	INR One Lakh Five Thousand Only
3.5	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	Job	75000.00	75000.00	INR Seventy Five Thousand Only
3.6	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	Job	85000.00	85000.00	INR Eighty Five Thousand Only
3.7	Decoration of entry gate with RGB Focus lights (25 nos. high lumens/wattage) on the occasion of diwali festivals for 4 days as per site requirement.	1	Job	85000.00	85000.00	INR Eighty Five Thousand Only
3.8	Decoration of Juhu Offices with with LED serial lighting and RGB pattern lighting on Christmas & 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 Christmas 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	Job	85000.00	85000.00	INR Eighty Five Thousand Only
3.9	Hiring of 12 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	10	day	8000.00	80000.00	INR Eighty Thousand Only
4	Hiring of 45 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	2	day	18000.00	36000.00	INR Thirty Six Thousand Only
4.1	Hiring of JCB With driver including Diesel for 9 working hours including lunch break of 1 hr.	30	Job	7500.00	225000.00	INR Two Lakh Twenty Five Thousand Only

4.2	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	Job	15000.00	150000.00	INR One Lakh Fifty Thousand Only
4.3	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	Month	28000.00	336000.00	INR Three Lakh Thirty Six Thousand Only
4.4	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	Job	15000.00	30000.00	INR Thirty Thousand Only
4.5	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	Job	2800.00	67200.00	INR Sixty Seven Thousand Two Hundred Only
4.6	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	Job	4000.00	8000.00	INR Eight Thousand Only
4.7	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	Job	17000.00	34000.00	INR Thirty Four Thousand Only
4.8	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	Job	1800.00	43200.00	INR Forty Three Thousand Two Hundred Only
4.9	Supply of B check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2	Job	1500.00	3000.00	INR Three Thousand Only
5	Supply of C check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2	Job	14500.00	29000.00	INR Twenty Nine Thousand Only
5.1	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	Each	2200.00	4400.00	INR Four Thousand Four Hundred Only
5.2	12V, 120 Ah, lead acid battery	4	Each	6500.00	26000.00	INR Twenty Six Thousand Only
5.3	12V, 150 Ah, lead acid battery	7	Each	10500.00	73500.00	INR Seventy Three Thousand Five
5.4	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	Job	35000.00	35000.00	INR Thirty Five Thousand Only
5.5	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	Job	10000.00	20000.00	INR Twenty Thousand Only

5.6	16 Meter High Mast	2	Job	12000.00	24000.00	INR Twenty Four Thousand Only
5.7	20 Meter High Mast	3	Job	15000.00	45000.00	INR Forty Five Thousand Only
5.8	Providing 1 no. Computer Operator (Highly Skilled Manpower) for office records upkeep / computer operation on all days excluding Sunday.	12	Month	23800.00	285600.00	INR Two Lakh Eighty Five Thousand Six Hundred Only
5.9	Hiring of unskilled labour during monsoon season 8 hours per day in all working days (including sundays)	120	day	710.00	85200.00	INR Eighty Five Thousand Two Hundred Only
6	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	Job	0.70	350000.00	INR Three Lakh Fifty Thousand Only
6.1	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	Job	3100.00	6200.00	INR Six Thousand Two Hundred Only
6.2	Capacity: 3 HP to 5 HP	2	Job	4100.00	8200.00	INR Eight Thousand Two Hundred Only
6.3	Capacity: 7.5 HP	2	Job	6600.00	13200.00	INR Thirteen Thousand Two Hundred Only
6.4	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	Job	6100.00	12200.00	INR Twelve Thousand Two Hundred Only
6.5	Capacity: 7.5 HP to 10hp	2	Job	7100.00	14200.00	INR Fourteen Thousand Two Hundred Only
6.6	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	Job	28100.00	56200.00	INR Fifty Six Thousand Two Hundred Only
6.7	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	Job	8600.00	25800.00	INR Twenty Five Thousand Eight Hundred Only
6.8	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	Job	650.00	13000.00	INR Thirteen Thousand Only
6.9	1200 mm sweep Ceiling Fan	25	Job	400.00	10000.00	INR Ten Thousand Only

7	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	Job	210.00	21000.00	INR Twenty One Thousand Only
7.1	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	sq. mtr	170.00	13600.00	INR Thirteen Thousand Six Hundred Only
7.2	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	Job	1900.00	47500.00	INR Forty Seven Thousand Five Hundred Only
7.3	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	Job	1900.00	38000.00	INR Thirty Eight Thousand Only
7.4	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	Job	1600.00	48000.00	INR Forty Eight Thousand Only
7.5	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	Job	8200.00	24600.00	INR Twenty Four Thousand Six Hundred Only
7.6	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	Litre	180.00	36000.00	INR Thirty Six Thousand Only
7.7	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	Job	22100.00	22100.00	INR Twenty Two Thousand One Hundred Only
7.8	800A, (1 incoming + 2 outgoing, 11 KV HT panel) - 1 set at ARSR Radar, Juhu Airport.	1	Job	17100.00	17100.00	INR Seventeen Thousand One Hundred Only
7.9	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	Each	8600.00	60200.00	INR Sixty Thousand Two Hundred Only

8	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	Job	1600.00	51200.00	INR Fifty One Thousand Two Hundred Only
8.1	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	Job	210.00	10080.00	INR Ten Thousand & Eighty Only
8.2	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	Job	91000.00	91000.00	INR Ninety One Thousand Only
8.3	Decoration of Juhu Offices with LED serial lighting and RGB pattern lighting on special occasions / nationally important days as per the requirements shown below. <u>For Republic Day :-</u> 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	Job	105000.00	105000.00	INR One Lakh Five Thousand Only

8.4	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	1	Job	105000.00	105000.00	INR One Lakh Five Thousand Only
8.5	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	Job	75100.00	75100.00	INR Seventy Five Thousand One Hundred Only
8.6	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	Job	85100.00	85100.00	INR Eighty Five Thousand One Hundred Only
8.7	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	Job	85100.00	85100.00	INR Eighty Five Thousand One Hundred Only
8.8	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	Job	85100.00	85100.00	INR Eighty Five Thousand One Hundred Only
8.9	Hiring of 12 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	10	day	8100.00	81000.00	INR Eighty One Thousand Only
9	Hiring of 45 Meter Height, truck mounted boom lift including Diesel for 8 working hours excluding lunch break of 1 hr.	2	day	18100.00	36200.00	INR Thirty Six Thousand Two Hundred Only
9.1	Hiring of JCB With driver including Diesel for 9 working hours including lunch break of 1 hr.	30	Job	7600.00	228000.00	INR Two Lakh Twenty Eight Thousand Only
9.2	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	Job	15100.00	151000.00	INR One Lakh Fifty One Thousand Only

9.3	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 usage is round the clock [24 Hrs.]	12	Month	28500.00	342000.00	INR Three Lakh Forty Two Thousand Only
9.4	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	Job	15500.00	31000.00	INR Thirty One Thousand Only
9.5	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	Job	2850.00	68400.00	INR Sixty Eight Thousand Four Hundred Only
9.6	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	Job	4100.00	8200.00	INR Eight Thousand Two Hundred Only
9.7	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	Job	17100.00	34200.00	INR Thirty Four Thousand Two Hundred Only
9.8	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	Job	1900.00	45600.00	INR Forty Five Thousand Six Hundred Only
9.9	Supply of B check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2	Job	1600.00	3200.00	INR Three Thousand Two Hundred Only
10	Supply of C check kit for 1X 10 KVA Ashok Leyland make DG set. 2 Units x 1 Job per year = 2 Jobs	2	Job	15000.00	30000.00	INR Thirty Thousand Only
10.1	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	Each	2500.00	5000.00	INR Five Thousand Only
10.2	12V, 120 Ah, lead acid battery	4	Each	6600.00	26400.00	INR Twenty Six Thousand Four Hundred
10.3	12V, 150 Ah, lead acid battery	7	Each	11000.00	77000.00	INR Seventy Seven Thousand Only
10.4	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	Job	35100.00	35100.00	INR Thirty Five Thousand One Hundred Only
10.5	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	Job	12000.00	24000.00	INR Twenty Four Thousand Only
10.6	16 Meter High Mast	2	Job	12000.00	24000.00	INR Twenty Four Thousand Only
10.7	20 Meter High Mast	3	Job	15000.00	45000.00	INR Forty Five Thousand Only

10.8	Providing 1 no. Computer Operator (Highly Skilled Manpower) for office records upkeep / computer operation on all days excluding Sunday.	12	Month	24000.00	288000.00	INR Two Lakh Eighty Eight Thousand Only
10.9	Hiring of unskilled labour during monsoon season 8 hours per day in all working days (including sundays)	120	day	750.00	90000.00	INR Ninety Thousand Only
11	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	Job	0.70	350000.00	INR Three Lakh Fifty Thousand Only
Total in Figures					6351530.00	
Quoted Rate in Words		INR Sixty Three Lakh Fifty One Thousand Five Hundred & Thirty Only				

