



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

सरदार वल्लभभाई पटेल अंतर्राष्ट्रीय हवाई अड्डा, अहमदाबाद

S.V.P. INTERNATIONAL AIRPORT, AHMEDABAD

सं सं :- भा.वि.प्रा/ए.एच/विधुत/संयु.म.प्र(अभि.-वि)/सहा.म.प्र.(अभि.-वि)-III/डबल्यु-15/20-21

दिनांक: 15/09/2020

Ref. No.:- AAI/AH/ELECT/Jt.GM(E-E)/AGM(E-E)-III/W-15/20-21 /1012/

Date:- 15/09/2020

रजिस्टर्ड ए. डी. द्वारा / By Regd. A. D.

सेवा में,

To,

मेसर्स मनीष इलेक्ट्रिकल्स,

M/s. Manish Electricals,

कल्पना नगर, सी.पी. कॉलोनी, मोरार,

Kalpana Nagar, C.P. Colony, Morar,

ग्वालियर - 474 006 (मध्य प्रदेश),

Gwalior- 474 006 (Madhya Pradesh),

विषय : सर्विसिंग, टेस्टिंग एंड कैलिब्रेशन ऑफ ब्रेकर्स, रिलेज, ट्रांसफॉर्मर्स एंड अदर इलेक्ट्रिकल वर्क्स फॉर टी-1 पावर हाउस एंड अदर एरियास ऐट एस. वी. पी. आई. एयरपोर्ट अहमदाबाद। (वर्ष 2020-21)

Subject : Servicing, Testing and Calibration of Breakers, Relays, Transformers and other Electrical Works for T-1 Power House and Other Area's at SVPI Airport, Ahmedabad. (Year 2020-21).

सन्दर्भ/Reference : आपकी बिड/Your Bid for Tender ID :- 2020_AAI_54038_1 (Financial bid opening
Dated: 09.09.2020)

महोदय/Sir,

1. उल्लिखित कार्य हेतु आपकी ई निविदा के सम्बन्ध में, आपके द्वारा उद्धरित राशि कुल ₹ 11,02,900/- (रुपये ग्यारह लाख दो हजार नौ सौ मात्र) (जी.एस.टी. के बिना), जो कि निविदा की आंकलन लागत राशि ₹ 13.35 लाख मात्र से 17.41% कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your E-tender for the above mentioned work is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totalling to Rs. 11,02,900/- (Rupees Eleven Lakhs Two Thousand Nine Hundred Only) (Excluding GST), which is 17.41% below the estimated cost put to the tender Rs.13.35 Lakhs only.

2. संयुक्त महा प्रबंधक (अभि.-विधुत), अहमदाबाद विमानपत्तन उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप के अधिकृत प्रतिनिधि, जिन्हें आपकी ओर से ठेका करार पर हस्ताक्षर करने का अधिकार हो, को दिनांक: 10/10/2020 तक संयुक्त महा प्रबंधक (अभि.-विधुत), भा.वि.प्रा., अहमदाबाद के कार्यालय में भेजकर करार पर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रुपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Jt. Gen. Manager (Engg.-Elect), Ahmedabad Airport shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf to attend the office of the Jt. Gen. Manager (Engg.-Elect), AAI, Ahmedabad, by 10/10/2020 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 same shall be borne by you.

3. कृपया इस पत्र के जारी होने के 15 दिनों के अन्दर प्रतिभूति जमा के रूप में रुपये 1,10,290/- (रुपये: एक लाख दस हजार दो सौ नब्बे मात्र) की राशि इस कार्यालय में जमा करा दें अन्यथा संविदा की सामान्य शर्तों के पृष्ठ संख्या 27 पर दी गई शर्त 1'अ' के अनुसार उक्त राशि आपके चालू बिल से काट ली जाएगी।

Please deposit Rs.1,10,290/- (Rupees: One Lakh Ten Thousand Two Hundred Ninety Only) towards security deposit within 15 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per GCC Clause 1A on page 27 of the contract document.

संयुक्त महाप्रबंधक (अभि.-विधुत)
Jt. General Manager (Engg.-Elect.)
स.व.प. अंतर्राष्ट्रीय हवाई अड्डा
SVP International Airport,

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण कार्यकर्ताओं (रोजगार और सेवा की शर्त का विनियमन)) अधिनियम 1996, बिल्डिंग और अन्य निर्माण श्रमिक कल्याण सेस अधिनियम 1996, जैसा कि जीसीसी शर्त 19 पृष्ठ संख्या 60 में और केंद्रीय और राज्य सरकार के नियमों पर निर्दिष्ट है।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no 60 of GCC of tender and rules of Central and State Government.

5. आपको यह भी निर्देश दिया जाता है कि आप सहायक महाप्रबंधक (अभि.-विद्युत)-III, भा.वि.प्रा., अहमदाबाद से अविलम्ब संपर्क करें जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are directed to contact Asst. Gen. Manager (Engg-Elect)-III, AAI, Ahmedabad immediately who will arrange to hand over the site to you.

6. कृपया यह भी भली भांति नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुमत समय 04 (चार) माह है जो इस पत्र को जारी करने के दस दिन बाद से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be 04 (Four) Months and same shall be reckoned from 10th day after the date of issue of this letter.

7. इस ठेके से सम्बंधित किसी भी प्रकार के पत्र व्यवहार की लिए संयुक्त महा प्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, स.व.प.अं. विमानपत्तन, अहमदाबाद - 382475 को संबोधित करेंगे।

Any further correspondence in connection with the contract should normally be addressed to the Jt. Gen. Manager (Engg.-Elect), Airports Authority of India, S.V.P. I. Airport, Ahmedabad - 382475.

8. कृपया इस पत्र के प्राप्ति की सूचना दें तथा इसके साथ अनुलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

धन्यवाद / Thanking you,

संलग्न: Item Rate BOQ. (Page-03)

भवदीय / Yours faithfully,

(जे. रवि) / (J. Ravi)

संयुक्त महा प्रबंधक (अभि.-विद्युत)/ Jt. Gen. Manager (Engg.-Elect)

कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा. / For and on behalf of Chairman, AAI

भा.वि.प्रा. अहमदाबाद विमानपत्तन / AAI, Ahmedabad Airport

संयुक्त महा प्रबंधक (इंजी-विद्युत)

Jt. General Manager (Engg.-Elect.)

स.व.प. अंतर्राष्ट्रीय हवाई अड्डा

SVP International Airport,

अहमदाबाद/Ahmedabad.

विशेष ध्यान : अर्थ निर्णय के सम्बन्ध में कोई विवाद होने पर अंग्रेजी पाठ को ही प्राधिकृत माना जाएगा।

Note : In the event of any dispute regarding interpretation the English text will be treated as authentic.

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Item Rate BoQ

Tender Inviting Authority: Asst. Gen. Manager (Engg.-Elect)

Name of Work: "Servicing, Testing and Calibration of Breakers, Relays, Transformers and other Electrical Works for T-1 Power House and Other Area's at SVPI Airport, Ahmedabad. (Year 2020-21).

Contract No:

Name of the Bidder/ Bidding Firm / Company :		M/S MANISH ELECTRICALS GWALIOR						
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)								
NUMBER #	Sl. No.	TEXT # Item Description	NUMBER Quantity	TEXT # Units	NUMBER # RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	NUMBER # TOTAL AMOUNT	TEXT # TOTAL AMOUNT In Words	
1		2	3	4	5	6	7	
1.1		Servicing, Testing and checking of Breakers Servicing, Checking and testing of 3 Ph 11KV 800A HT Vacuum Circuit Breaker (VCB) including testing of wiring of breaker and minor repairing works complete as required including documenting the testing as per recommended standards (through authorised agency of OEM/agency approved by Engineer-In-Charge) followed with submission of test report to AAI.	16	Job	5000.00	80000.00	INR Eighty Thousand Only	
1.2		Servicing, Testing and checking of Breakers Servicing, Checking and Testing of the LT air circuit breakers up to 3200 Amp rating including testing of wiring of breaker and minor repairing works complete as required including documenting the testing as per recommended standards (through authorised agency of OEM/agency approved by Engineer-In-Charge) followed with submission of test report to AAI.	79	Job	2100.00	165900.00	INR One Lakh Sixty Five Thousand Nine Hundred Only	
2.1		Servicing, Testing and Calibration of the following relays as per recommended standard and submission of calibration report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. a) IDMT relays for 11 KV Panel/ AMF Panel/ LT Panel (Set of 2 over current plus 1 earth fault).	27	Set	1200.00	32400.00	INR Thirty Two Thousand Four Hundred Only	
2.2		Servicing, Testing and Calibration of the following relays as per recommended standard and submission of calibration report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. b) Auxiliary and Tripping relays including (Type: VAA / VAG).	34	Job	700.00	23800.00	INR Twenty Three Thousand Eight Hundred Only	
2.3		Servicing, Testing and Calibration of the following relays as per recommended standard and submission of calibration report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. c) CTs in 11 KV HT and LT panel (set of 3 CTs, - RYB).	15	Set	1100.00	16500.00	INR Sixteen Thousand Five Hundred Only	
2.4		Servicing, Testing and Calibration of the following relays as per recommended standard and submission of calibration report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. d) PT, 3 phase, 11 KV Voltage Transformers.	5	Set	2000.00	10000.00	INR Ten Thousand Only	
3.1		Servicing and Testing of the following Transformer of 11 KV/ 430 V including as per recommended standard and submission of report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. Testing should include Insulation Resistance test, Voltage Ratio & Tap Continuity test, Magnetic Balance Test, Vector Group Test, Accessories working etc. a) 2000 KVA Transformer.	2	Job	6000.00	12000.00	INR Twelve Thousand Only	
3.2		Servicing and Testing of the following Transformer of 11 KV/ 430 V including as per recommended standard and submission of report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. Testing should include Insulation Resistance test, Voltage Ratio & Tap Continuity test, Magnetic Balance Test, Vector Group Test, Accessories working etc. b) 1500 KVA Transformer.	3	Job	5000.00	15000.00	INR Fifteen Thousand Only	
3.3		Servicing and Testing of the following Transformer of 11 KV/ 430 V including as per recommended standard and submission of report complete as required through authorised service agency of OEM/ agency approved by engineer -in - charge. Testing should include Insulation Resistance test, Voltage Ratio & Tap Continuity test, Magnetic Balance Test, Vector Group Test, Accessories working etc c) 315 KVA Transformer.	2	Job	4000.00	8000.00	INR Eight Thousand Only	

SVPI Airport, Ahmedabad.
General Manager (Engg.-Elect.)

3.4	Servicing and Testing of the following Transformer of 11 KV/ 430 V including as per recommended standard and submission of report complete as required through authorised service agency of OEM/ agency approved by engineer-in - charge. Testing should include Insulation Resistance test, Voltage Ratio & Tap Continuity test, Magnetic Balance Test, Vector Group Test, Accessories working etc. d) 630 KVA Transformer	1	Job	4000.00	4000.00	INR Four Thousand Only
3.5	Servicing and Testing of the following Transformer of 11 KV/ 430 V including as per recommended standard and submission of report complete as required through authorised service agency of OEM/ agency approved by engineer-in - charge. Testing should include Insulation Resistance test, Voltage Ratio & Tap Continuity test, Magnetic Balance Test, Vector Group Test, Accessories working etc. e) 400 KVA Transformer	1	Job	4000.00	4000.00	INR Four Thousand Only
4.1	Dehydration and filtration of transformer oil of Transformers of following capacity at different Sites and submission of BDV(before and after) & acidity Testing report for each equipment. a) 2000 KVA Transformer.	2	Job	7000.00	14000.00	INR Fourteen Thousand Only
4.2	Dehydration and filtration of transformer oil of Transformers of following capacity at different Sites and submission of BDV(before and after) & acidity Testing report for each equipment. b) 1500 KVA Transformer.	3	Job	6000.00	18000.00	INR Eighteen Thousand Only
4.3	Dehydration and filtration of transformer oil of Transformers of following capacity at different Sites and submission of BDV(before and after) & acidity Testing report for each equipment. c) 315 KVA Transformer.	2	Job	4000.00	8000.00	INR Eight Thousand Only
4.4	Dehydration and filtration of transformer oil of Transformers of following capacity at different Sites and submission of BDV(before and after) & acidity Testing report for each equipment. d) 630 KVA Transformer	1	Job	4600.00	4600.00	INR Four Thousand Six Hundred Only
4.5	Dehydration and filtration of transformer oil of Transformers of following capacity at different Sites and submission of BDV(before and after) & acidity Testing report for each equipment. e) 400 KVA Transformer	1	Job	4000.00	4000.00	INR Four Thousand Only
5.1	Inspection, Cleaning, Servicing, Testing and overhauling of the following as per recommended standard i/c labour and tools & plant job includes supply and replacement of gear oil SAE-140 grade, testing and checking of System Raising & Lowering Mechanism, Winch, Trailing Cable, Wire Rope, motor etc. complete as required i/c submission of inspection report but excluding replacement of electrical fixtures like ballast, igniter, capacitor lamps etc. Job to be carried through authorised service agency of OEM/ agency approved by engineer-in - charge a) 30 Mtrs Height Apron Flood Light Tower's	13	Set	4000.00	52000.00	INR Fifty Two Thousand Only
5.2	Inspection, Cleaning, Servicing, Testing and overhauling of the following as per recommended standard i/c labour and tools & plant job includes supply and replacement of gear oil SAE-140 grade, testing and checking of System Raising & Lowering Mechanism, Winch, Trailing Cable, Wire Rope, motor etc. complete as required i/c submission of inspection report but excluding replacement of electrical fixtures like ballast, igniter, capacitor lamps etc. Job to be carried through authorised service agency of OEM/ agency approved by engineer-in - charge. b) 20 Mtrs Height Apron Flood Light Tower's	3	Set	4000.00	12000.00	INR Twelve Thousand Only
5.3	Inspection, Cleaning, Servicing, Testing and overhauling of the following as per recommended standard i/c labour and tools & plant job includes supply and replacement of gear oil SAE-140 grade, testing and checking of System Raising & Lowering Mechanism, Winch, Trailing Cable, Wire Rope, motor etc. complete as required i/c submission of inspection report but excluding replacement of electrical fixtures like ballast, igniter, capacitor lamps etc. Job to be carried through authorised service agency of OEM/ agency approved by engineer-in - charge. c) 30 Mtrs Height National Flag Mast	1	Set	4000.00	4000.00	INR Four Thousand Only
6	Supply of battery 12V, 100AH Tubular battery suitable LED street lighting, Solar charging with buyback of old batteries.	10	Each	6300.00	63000.00	INR Sixty Three Thousand Only
7	Supply of battery 12V, 100AH SMF suitable for GenSet cranking with buyback of old batteries.	8	Each	3800.00	30400.00	INR Thirty Thousand Four Hundred Only
8	Supply of battery 12V having capacity 100AH, SMF - VRLA suitable for UPS use.	12	Each	5000.00	60000.00	INR Sixty Thousand Only
9	Supply of battery charger suitable for 100 AH 24 Volt(2X12, two battery in series) . AC in put 230-250 volt and DC out 24 Volt. Charger should have suitable fuse with indication of charge, full charge, main on etc.	4	Each	4500.00	18000.00	INR Eighteen Thousand Only
10	Supply of semi-conductor: Fuse 125A, type VSB125 make GE size 00, 500V ac	10	Each	400.00	4000.00	INR Four Thousand Only
11	Supply of Volt meter range 0-750 VAC Aux supply 230 VAC, Model type 96R350IAC	10	Each	950.00	9500.00	INR Nine Thousand Five Hundred Only
12	Supply of 800Amp sensor plug, make Schneider electric, suitable for breaker type NW08H1	4	Each	800.00	3200.00	INR Three Thousand Two Hundred Only
13	Supply of 1000Amp sensor plug, make Schneider electric, suitable for breaker type NW10H1	4	Each	800.00	3200.00	INR Three Thousand Two Hundred Only
14	Supply of MECO 'C' digital Amps meter or equivalent, 0-20 Amp AC, Model Type- 96R350IAC, Aux supply 220 VAC	5	Each	1090.00	5450.00	INR Five Thousand Four Hundred & Fifty Only
15	Supply of 0-5 Amps meter ,AC, model R3501 AC Aux – 230 volt.	5	Each	1090.00	5450.00	INR Five Thousand Four Hundred & Fifty Only
16	Supply of Contactor make GE type CL 10A 300M with 3NO & 3NC contact <i>High specification (not form)</i>	3	Each	6800.00	20400.00	INR Twenty Thousand Four Hundred Only
17	Supply of Contactor C&S make Model Type LC1-D323 – AC 32A CTS <i>General Manager (Engg. Dept)</i>	3	Each	2100.00	6300.00	INR Six Thousand Three Hundred Only
18	Supply of Capacitor CLMD 63 or equivalent, ABB make 120 KVAR switch <i>General Manager (Engg. Dept)</i> <i>Approved by</i> <i>General Manager (Engg. Dept)</i>	1	Each	32500.00	32500.00	INR Thirty Two Thousand Five Hundred Only

19	Supply of Capacitor 50 KVAR suitable for 440 volt APFC panel application	2	Each	8100.00	16200.00	INR Sixteen Thousand Two Hundred Only
20	Supply of TNC switch Kaycee make 25A / 660V type (BCC02P016K17)	3	Each	990.00	2970.00	INR Two Thousand Nine Hundred & Seventy Only
21.1	Supply of GE make spectronic ACB spares for 800amp to 1600amp.	1	Each	21400.00	21400.00	INR Twenty One Thousand Four Hundred Only
21.2	a) Pole Assembly	3	Each	4100.00	12300.00	INR Twelve Thousand Three Hundred Only
21.3	b) Cluster Contact	1	Each	7900.00	7900.00	INR Seven Thousand Nine Hundred Only
21.4	c) Closing Coil	3	Each	1970.00	5910.00	INR Five Thousand Nine Hundred & Ten Only
21.5	d) Isolating Contact	2	Each	2675.00	5350.00	INR Five Thousand Three Hundred & Fifty Only
21.6	e) Shunt Trip Coil	1	Each	26500.00	26500.00	INR Twenty Six Thousand Five Hundred Only
21.7	f) Spring Charging Motor	3	Each	1550.00	4650.00	INR Four Thousand Six Hundred & Fifty Only
21.8	g) Moving Arcing	3	Each	1480.00	4440.00	INR Four Thousand Four Hundred & Forty Only
21.9	h) Fix Arcing	1	Each	31200.00	31200.00	INR Thirty One Thousand Two Hundred Only
22.1	i) UDC Assembly	1	Each	32500.00	32500.00	INR Thirty Two Thousand Five Hundred Only
22.2	a) Pole Assembly	1	Each	9980.00	9980.00	INR Nine Thousand Nine Hundred & Eighty Only
22.3	b) Cluster Contact	1	Each	7900.00	7900.00	INR Seven Thousand Nine Hundred Only
22.4	c) Closing Coil	1	Each	7100.00	7100.00	INR Seven Thousand One Hundred Only
22.5	d) Isolating Contact	2	Each	2700.00	5400.00	INR Five Thousand Four Hundred Only
22.6	e) Shunt Trip Coil	1	Each	6800.00	6800.00	INR Six Thousand Eight Hundred Only
22.7	f) Front Fascia	2	Each	4100.00	8200.00	INR Eight Thousand Two Hundred Only
23	g) Mechanical Lock 30mm	3	Each	7200.00	21600.00	INR Twenty One Thousand Six Hundred Only
24	Supply of 3200/5 Amps rectangular current transformer having rating of 15VA, with protection class 1.0 and window size of 7" x 14" and overall dimension 13" x 20". (Note-All dimensions are in inch).	5	Each	10300.00	51500.00	INR Fifty One Thousand Five Hundred Only
25	Supply of Thermoplastic (Polycarbonate) Box having ingress protection rating of IP65 or higher with provision of Plug & Socket rated for 63Amp, 5 pin (3P+N+E) for ingress protection rating of IP67 along with terminals of 16 sq mm - 12 Nos, having dimension of 360mm x 350mm x 309mm.	5	Each	3200.00	16000.00	INR Sixteen Thousand Only
26	Supply of Insulated Coupler rated for 63 Amp, 415 Volt or higher having 5 pin comprises of 3Pole, one neutral and one earth with ingress protection rating of IP67 complete with all accessories as required.	5	Each	2500.00	12500.00	INR Twelve Thousand Five Hundred Only
27	Supply of Insulated Plug rated for 63 Amp, 415 Volt or higher having 5 pin comprises of 3Pole, one neutral and one earth with ingress protection rating of IP67 complete with all accessories as required.	1	Job	35000.00	35000.00	INR Thirty Five Thousand Only
Total in Figures					1102900.00	INR Two Lakh Forty Five Thousand Nine Hundred Only
Quoted Rate in Words		INR Eleven Lakh Two Thousand Nine Hundred Only				


मंयुवत महा प्रबन्धक (इंजी-विद्युत)
Jt. General Manager (Engg.-Elect.)
म.व.प. अंतर्राष्ट्रीय हवाईअड्डा
SVP International Airport,
अहमदाबाद/Ahmedabad.