



75
आज़ादी का
अमृत महोत्सव

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
सूरत एयरपोर्ट, सूरत-394550
SURAT AIRPORT, SURAT-394550

संख्या: - भाविप्रा/सूरत/विधुत/उप महा.प्र(अभि-वि)/डब्लू-06/ रिले कैलिब्रेशन / 2022-23/534-544 दिनांक: - 04.10.2022

No: - AAI/SURAT/ELECT/DGM(E-E)/W-06/ Relay calibration / 2022-23

Date: - 04.10.2022

रजिस्टर्ड ए.डी. द्वारा/By Regd. A.D.

(कार्य आदेश / Work Order)

सेवा में,
मेसर्स, टेक्नो इलेक्ट्रिकल्स,
2/65, ऊदय पार्क सोसाइटी,
रिफाइनरी रोड, गोरवा,
वडोदरा- 16.

To,
M/s. Techno Electricals
2/65, Udaypark Society,
Refinery Road, Gorwa,
Vadodara-16.

कार्य का नाम : रिले कैलिब्रेशन, फिल्टरेशन ऑफ ट्रांसफार्मर एंड सर्विसिंग / ओवरहालिंग ऑफ ACB's & HT ब्रेकर ऐट सूरत एयरपोर्ट.

Name of Work : Relay calibration, filtration of transformer and Servicing/ overhauling of ACB's & HT breakers at Surat Airport.

संदर्भ / Reference 1 :- आपकी निविदा / Your tender for Tender Id - 2022_AAI_119854_1
(Financial bid opening on dt: (02.09.2022).

1. उल्लेखित कार्य हेतु आपकी निविदा के संबंध में, आपके द्वारा उद्धृत कुल ₹ 21,61,600.00 (रुपए: इक्कीस लाख इकसठ हजार छह सौ मात्र जी.एस.टी. अतिरिक्त) जो की निविदा की आंकलन लागत राशि ₹ 28,85,543.00 से 25.09% कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your 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 totaling to Rs. 21,61,600.00 (Rupees: Twenty one Lakh Sixty one Thousand Six Hundred Only excluding GST). which is 25.09% below the Justified cost put to the tender Rs. 28,85,543.00

2. उप-महाप्रबंधक (अभि-वि.) भाविप्रा, सूरत एयरपोर्ट, सूरत - 394550, 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: 29/10/2022 तक उप-महाप्रबंधक (अभि-वि.) के कार्यालय में भेजकर करार पर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण कराने का कष्ट करें। ठेका करार का निष्पादन तीन सौ रुपए मूल्य के गैर अदालती स्टैम्प पेपर (गुजरात) पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जायेगा।

DGM (Engg-E) AAI, Surat Airport, Surat - 394550, 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 DGM (Engg-E), AAI, Surat Airport, Surat Airport by the 29/10/2022 to sign and complete the agreement. The contract agreement shall be executed on a Non-Judicial Stamp Paper (Gujarat) of value ₹ 300/- and the cost of the same shall be borne by you.

3. कृपया इस पत्र के जारी होने के 10 दिनों के अन्दर प्रतिभूति जमा के रूप में ₹ 2,16,160.00 (रुपए: दो लाख सोलह हजार एक सौ साठ मात्र) की राशि इस कार्यालय में जमा करा दें अन्यथा निविदा की सामान्य शर्तों के पृष्ठ संख्या 29 पर दी गई शर्त 1 (A) के अनुसार उक्त राशि आपके चालू बिल से काट ली जाएगी।

भा. ना. घटारे / B. N. GHATARE
उप. महाप्रबंधक (अभि-वि.)
Gen. Manager (Engg-Elect)
14/10/22

se deposit Rs2,16,160.00 (Rupees: Two Lakh Sixteen Thousand One Hundred Sixty only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per General Terms & Conditions Clause 1 (A) on page 29 of the contract document.

4. आपको यह भी निर्देश दिया जाता है कि आप प्रबंधक (अभि.-वि.), भा.वि.प्रा., सूरत से अविलम्ब सम्पर्क करें जो आपको कार्यस्थल सौपने की व्यवस्था करेंगे।

You are directed to contact Manager (Engg.-E), AAI, Surat immediately who will arrange to hand over the site to you.

5. आपसे अनुरोध है कि आप ठेका श्रमिक (विनियम एवं अन्मूलन) अधिनियम 1970 के उपबन्धों का अनुपालन करें। साथ ही ठेका श्रमिक (विनियम एवं अन्मूलन) केन्द्रीय नियमावली 1971 एवं केन्द्रीय एवं राज्य सरकारों के न्यूनतम वेतन तथा उससे सम्बन्धित अन्य नियमों का पालन करें।

You are requested to comply with the provisions of contract labour (Regulation and Abolition) Act of 1970 and contract labour (Regulation and Abolition) Central Rules 1971 and Minimum Wages Act and Rules there of Central and State Governments.

6. कृपया यह भी भली भाँति नोट कर लें की निविदा के अनुसार कार्य निष्पादन हेतु अनुमत समय 03 (तीन) 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 03 (Three) Months, and same shall be reckoned from 10th day after the date of issue of this letter.

7. इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए उप-महाप्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, सूरत एयरपोर्ट, सूरत-394 550 को संबोधित करेंगे।

Any further correspondence in connection with the contract should normally be addressed to the DGM (Engg.-E), Airports Authority of India, Surat Airport, Surat – 394 550.

8. संविदा दस्तावेज की अनुसूची "E" के पृष्ठ संख्या 144 के अनुसार दोष दायित्व अवधि 6 माह है।

The defect liability period is 6 months as per condition on page 144 of schedule "E" of the contract document.

9. कृपया इस पत्र की प्राप्ति सूचना दें तथा इसके साथ अनुलग्न अनुप्रति पर हस्ताक्षर करके टोकन 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.

भव्यवाद / Thanking you,
संलग्न: Item Rate BOQ. (Page-3)

आ.ना. घटारे / B. N. GHATARE
उप. महाप्रबंधक (अभि.-वि.)
Dy. Gen. Manager (Engg.-Elect)
भा.वि.प्रा., सूरत विमानपत्तन - 394 550
AAI, Surat Airport - 394 550

B. N. Ghatare
- 04/X/22 -

(बी.एन.घटारे) / (DGM (Engg.-Elect))

उप महाप्रबंधक (अभि.-वि.) / DGM (Engg.-Elect)

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

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.

Validate Print Help

Item Rate BoQ

Tender Inviting Authority: AGM (E-E), AAI, Surat Airport, Surat

Name of Work: Relay calibration, filtration of transformer and Servicing/overhauling of ACBs & HT breakers at surat airport.

Contract No:

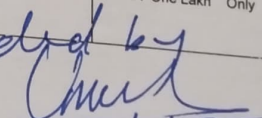
Name of the Bidder/Bidding Firm / Company : TECHN ELECTRICALS

(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 #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE including all taxes, duties etc. but excluding GST. In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. (excluding GST)	TOTAL AMOUNT in Rs. (excluding GST) In Words
1	2	3	4	5	6	7	8
1	Servicing, Testing and checking of Vacuum Circuit Breakers Servicing, Testing, checking of 3 Ph., 400A, 22KV, 13.1 KA (3 second) HT Vacuum Circuit Breaker (VCB) including testing of wiring, minor repairing works, dismantling of existing defective parts, replacement of defective parts/spares, making connection, documenting the testing, submission of test reports as per recommended standards through authorised agency of OEM/agency approved by Engineer-In-Charge etc. complete as required. Make & Model of existing VCB: AREVA -PIX-36, (NOTE:- required spares of HT breakers shall be provided by AAI for the replacement of the defective components/spares of the VCB).	Item 1	4	Job	75000.00	300000.00	INR Three Lakh Only
2	Repairing of rack-in and Rack-out mechanism/system of existing 3 Ph., 400A, 22KV, 13.1 KA (3 second) HT Vacuum Circuit Breaker (VCB) including welding cutting, making alignment etc as required as per the site requirement. Make & Model of existing VCB: AREVA -FIX-76, (NOTE:- Repairing works shall be carried out at the site only during the shutdown period allowed).	Item 2	1	Job	200000.00	200000.00	INR Two Lakh Only
3	Supply of followings spare parts suitable for existing 3 Ph., 400A, 22KV, 13.1 KA (3 second) HT Vacuum Circuit Breaker (VCB) as and when required basic during the currency of the contract. Make & Model of existing VCB: AREVA -PIX-36						
3.01	CAM Disc complete	Item 3	1	Each	20000.00	20000.00	INR Twenty Thousand Only
3.02	Current transformer with CT ratio: 100-50/5A, Class-1, Burden-15 VA	Item 4	3	Each	25000.00	75000.00	INR seventy five thousand
3.03	Current transformer with CT ratio: 100-50/5A, Class-10P10, Burden-15 VA	Item 5	3	Each	25000.00	75000.00	INR seventy five thousand
3.04	Potential transformer with range: 22KV/110V	Item 6	3	Each	25000.00	75000.00	INR seventy five thousand
3.05	Ramp hook assembly	Item 7	1	Each	10000.00	10000.00	INR Ten Thousand Only
3.06	Glide	Item 8	1	Each	8000.00	8000.00	INR Eight Thousand Only
3.07	Bearing block outline	Item 9	1	Each	25000.00	25000.00	INR Twenty five thousand
3.08	Spur Gear	Item 10	1	Each	20000.00	20000.00	INR Twenty Thousand Only
3.09	Closing tripping coil-24/30 V DC	Item 11	2	Each	25000.00	50000.00	INR Fifty Thousand Only
3.10	Motor 220 V DC	Item 12	1	Each	50000.00	50000.00	INR Fifty Thousand Only
3.11	Gear Assembly	Item 13	1	Each	25000.00	25000.00	INR Twenty five thousand
3.12	Pole Assembly	Item 14	1	Each	25000.00	25000.00	INR twenty five thousand
3.12	Thermostat for space heater	Item 15	4	Each	2500.00	10000.00	INR Ten Thousand Only

Down label
Unit
2/2/22
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NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE including all taxes, duties etc. but excluding GST. In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. (excluding GST)	TOTAL AMOUNT in Rs. (excluding GST) in Words
1	2	3	4	5	6	7	8
3.14	Space heater, 230 V AC/DC	Item 16	8	Each	4000.00	32000.00	INR Thirty Two thousand Only
3.15	Limit Switch with 1 NO+1NC for Service / Test position	Item 17	1	Each	17000.00	17000.00	INR Seventeen thousand Only
3.16	Handle assembly	Item 18	1	Each	10000.00	10000.00	INR Ten Thousand Only
3.17	Spout	Item 19	1	Each	10000.00	10000.00	INR Ten Thousand Only
3.18	Handle	Item 20	1	Each	8000.00	8000.00	INR Eight Thousand Only
3.19	Primary Shaft	Item 21	1	Each	20000.00	20000.00	INR Twenty Thousand Only
3.20	Spring Charging Drum	Item 22	1	Each	45000.00	45000.00	INR Forty Five thousand Only
4	Servicing, Testing and checking of Transformers Servicing, Testing, checking, replacement of defective parts/spares of 500 kVA, 22/0.415 kV kiroskar make Transformer including testing of wiring, minor repairing works, documenting the testing, submission of test reports as per recommended standards through authorised agency of OEM/agency approved by Engineer-In-Charge etc. complete as required. Testing includes Insulation Resistance test, Voltage Ratio & Tap Continuity test, Magnetic Balance Test, Vector Group Test, Accessories working etc. (NOTE:- required spares of transformer shall be provided by AAI for the replacement of the defective components/spares).	Item 23	3	Job	50000.00	150000.00	INR One Lakh Fifty Thousand Only
5	Dehydration and filtration of 500 KVA Kiroskar make oil filled Transformer including testing of BDV (before and after), acidity test and submission of reports through authorised agency of OEM/agency approved by Engineer-In-Charge etc. complete as required	Item 24	3	Job	20000.00	60000.00	INR Sixty Thousand Only
6	Supply of tested transformer oil for topping up in the transformer if required.	Item 25	400	Litre	150.00	60000.00	INR Sixty Thousand Only
7	Supply of followings spare parts suitable for existing 500 kVA, 22/0.415 kV kiroskar make oil filled tranformer as and when required basis during the currency of the contract.						
7.01	HV Bushing With metal part set	Item 26	3	Each	25000.00	75000.00	INR Seventy Five thousand Only
7.02	LV Bushing With metal part set	Item 27	3	Each	12500.00	37500.00	INR Thirty Seven thousand Five Hundred Only
7.03	Silica gel Breather	Item 28	3	Each	10000.00	30000.00	INR Thirty Thousand Only
7.04	Oil temp. Indicator	Item 29	1	Each	12000.00	12000.00	INR Twelve Thousand Only
7.05	Winding temp. Indicator	Item 30	1	Each	25000.00	25000.00	INR Twenty Five thousand Only
7.06	Neutral bushing with metal part	Item 31	1	Each	30000.00	30000.00	INR Thirty Thousand Only
7.07	Buchholz Relay	Item 32	1	Each	25000.00	25000.00	INR Twenty Five thousand Only
7.08	Magnetic Oil Level Gauge	Item 33	1	Each	18000.00	18000.00	INR Eighteen thousand Only
7.09	Prismatic Oil Level Gauge	Item 34	1	Each	8000.00	8000.00	INR Eight Thousand Only
8	Servicing, Checking, testing of 195KVAR automatic power factor correcting , including replacment of defective power capacitor and other defective compnents / spars documenting the testing, submission of test reports as per recommended standards through authorised agency of OEM/agency approved by Engineer-In-Charge etc. complete as required. (NOTE:- required spares of APFC shall be provided by AAI for the replacement of the defective components/spares).	Item 35	2	Job	50000.00	100000.00	INR One Lakh Only

Drawn & signed by

 Date: / /

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE including all taxes, duties etc. but excluding GST. In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. (excluding GST)	TOTAL AMOUNT in Rs. (excluding GST) in Words
1	2	3	4	5	6	7	8
9	Supply of the following component/spares suitable to Existing APFC panel as and when required basis during the currency of the contract.						
9.01	3 Phase, 440V, 50Hz box type ultra heavy duty capacitors with APP technology, Lower operating losses - 0.35 W / kVAR, High over current withstand capability - 3 times rated current, High inrush current withstand capability- 500 times rated current in the modules of 10/30/40/75/100 KVAR suitable for the installation in the existing cabinet/housing of the APFC panel. Note:- Size of capacitor bank should be suitable to the existing capacitor housing of the APFC panel to accommodate the capacitor bank.	Item 36	200	kVAR	500.00	100000.00	INR One Lakh Only
9.02	Thyristor firing module	Item 37	4	Each	25000.00	100000.00	INR One Lakh Only
9.03	Exhaust fan (Size:- 4 to 6 inch to suit the existing of the exhaust fan)	Item 38	4	Each	6500.00	26000.00	INR Twenty six thousand
9.04	6 stage automatic Power factor correction high speed relay	Item 39	1	Each	25000.00	25000.00	INR twenty five thousand Only
10	Servicing, Testing and checking of Breakers Servicing, Checking and Testing of the LT air circuit breakers up to 800 Amp rating including testing of wiring of breaker , minor repairing works complete as required including documenting the testing , submission of test reports as per recommended standards through authorised agency of OEM/agency approved by Engineer-in-Charge etc. complete as required .						
10.01	800 A, 55 KA Breaking capacity No. USP800 make (Make : GE)	Item 40	3	Job	7000.00	21000.00	INR Twenty One Thousand Only
10.02	800 A, 55 KA Breaking capacity Model No. Spectronic-800A (Make :GE)	Item 41	3	Job	7000.00	21000.00	INR Twenty One Thousand Only
10.03	800 A, 55 KA Breaking capacity Model No. UW1-08N (Make :Omega)	Item 42	5	Job	7000.00	35000.00	INR Thirty Five Thousand Only
11	Inspection, servicing, setting, calibration and testing of the following different types of relays using secondary injection method and adjustment of plug setting and including documenting the testing , submission of test reports as per recommended standards through authorised agency of OEM/agency approved by Engineer-in-Charge etc. complete as required .						
11.01	IDMT relay (02 OC and 01 EF) of HT/LT panels	Item 43	6	Job	3000.00	18000.00	INR Eighteen thousand
11.02	Auxiliary / Master Trip /Alarm Trip circuit relay of HT panel	Item 44	15	Job	1500.00	22500.00	INR twenty two thousand Five Hundred Only
11.03	IDMT Electronic relay (make : L&T) of LT Panels	Item 45	2	Job	3000.00	6000.00	INR Six Thousand Only
11.04	Microprocessor based release Model & make :-UW-MTX1G- L&T	Item 46	5	Job	5500.00	27500.00	INR Twenty seven thousand Five Hundred Only
12	Supply of the following spares parts suitable for existing essential/non - essential panels as and when required basis during the currency of the contract .						
12.01	6A, Ammeter selector switch	Item 47	6	Each	800.00	4800.00	INR Five thousand Eight Hundred Only
12.02	0-400 A,400/5A,3e,Mi,type 144 sqmm , Ammeter	Item 48	2	Each	2500.00	5000.00	INR Five thousand Only
12.03	0-300A,300/5A,3e,Mi,type 96 sqmm , Ammeter	Item 49	2	Each	2000.00	4000.00	INR Four thousand Only
12.04	0-500 V,Mi,type 144 sqmm , Voltmeter	Item 50	2	Each	2500.00	5000.00	INR Five thousand Only
Total in Figures						81000.00	INR eighty one thousand
Quoted Rate in Words							INR Twenty One Lakh Sixty One thousand Six Hundred Only

Signature Not Verified

Digitally signed by OMESH KUMAR SINGH

Date: 2022.11.12 16:06:15 +05'30'

Location: eProcurement System for Central

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