



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सूरत एयरपोर्ट, सूरत-394550

SURAT AIRPORT, SURAT-394550

संख्या: - भाविप्रा/सूरत/विधुत/व.प्र(अभि-वि)/डब्लू-14/ डीजी सेट / 2021-22

No: - AAI/SURAT/ELECT/SM(E-E)/W-14/ DG Set / 2021-22 / 215-226

दिनांक: - 28.10.2021

Date: - 28.10.2021

रजिस्टर्ड ए.डी. द्वारा/By Regd. A.D.

(कार्य आदेश / Work Order)

सेवा में,

मेसर्स, तरल इलेक्ट्रिकल्स,
212, दूसरा माला बिनली कोम्प्लेक्स,
नारनपुरा ऐड्डी ऑफिस के सामने, नारनपुरा,
अहमदाबाद - 380013

To,

M/s. Taral Electricals,
212, 2nd Floor Binali Complex,
Opp. Naranpura AEC Office, Naranpura,
Ahmedabad-380013

कार्य का नाम :- रिप्लेसमेंट ओफ डीजी सेट ओफ डीवीओआर ऐट सूरत एअरपोर्ट.

Name of Work :- Replacement of DG Set of DVOR at Surat Airport.

संदर्भ / Reference 1 :- आपकी निविदा / Your tender for Tender Id - 2021_AAI_85454_1
(Financial bid opening on dt:06.10.2021)

1. उल्लेखित कार्य हेतु आपकी निविदा के संबंध में, आपके द्वारा उद्धृत कुल ₹ 14,42,367.00 (रुपए: चौदह लाख बयालीस हजार तीन सौ सड़सठ जी.एस.टी. छोड़कर) जो की निविदा की आंकलन लागत राशि ₹ 16,88,578.00 से 14.58% 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 ₹ 14,42,367.00 (Rupees: Fourteen lakh Forty-two thousand three hundred Sixty-Seven Only excluding GST). which is 14.58% below the estimated cost put to the tender ₹ 16,88,578.00

2. वरिष्ठ प्रबंधक (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: 22/11/2021 तक वरिष्ठ प्रबंधक (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।

Sr. Manager (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 Sr. Manager (Engg.-E), AAI, Surat Airport, Surat Airport by the 22/11/2021 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 ₹ 1,44,237.00 (रुपये: एक लाख चौतालीस हजार दो सौ सैंतीस मात्र), की राशि इस कार्यालय में जमा करा दें अन्यथा संविदा की सामान्य शर्तों के पृष्ठ संख्या 29 पर दी गई शर्त 1 (ए), के अनुसार उक्त राशि आपके चालू बिल से काट ली जाएगी।

वरिष्ठ प्रबंधक इंजीनियरिंग (विधुत)
भारतीय विमानपत्तन प्राधिकरण
सूरत विमानतल सूरत-394550

28/10/21

Please deposit ₹ 1,44,237/- (Rupees: One Lakh forty-four Thousand Two Hundred Thirty-seven 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 General Terms & Conditions Clause 1 (A) on page 29 of the contract document.

4. 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.

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

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

6. कृपया यह भी भली भांति नोट कर लें की 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 संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए वरिष्ठ प्रबंधक (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 Sr. Manager (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 कार्य पूर्ण होने की तिथि से एक वर्ष है।

The defect liability period is 1 year from the date of completion of work as per condition on page 144 of schedule "E" of the contract document.

9. कृपया इस पत्र की प्राप्ति सुचना 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.

धन्यवाद / Thanking you,

संलग्न: Item Rate BOQ. (Page-3)

(उमेश कुमार सिंह) / (Umesh Kumar Singh)

वरिष्ठ प्रबंधक (अभि.-वि.) / Sr. Manager (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.

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

Name of Work: Replacement of DG Set of DVOR at Surat Airport.

Contract No:

Name of the Bidder/ Bidding Firm / Company :	TARAL ELECTRICALS, AHMEDABAD							
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 #	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	DIESEL GENERATOR SETS							
1.1	SITC of minimum 40 KVA prime power D.G. Set with acoustic enclosure conforming to latest environment regulations for emission and noise levels complete with Diesel Engine of suitable BHP (considering de-rating factor if any) at 1500 RPM, water cooled, (Radiator type), four stroke, electric start, turbo-charged & inter/after cooled conforming to BS: 5514 with all standard accessories, coupled with alternator of 40KVA rating prime power rated, brushless, self excited, self regulated and suitable for continuous operation, generation 415 V +/- 5% Volts at 0.8 PF (lag), 50Hz, 3 phase, 4 wire system generally conforming to BS: 2613 & IS: 4722. along with DG set command control panel complete as required. Both Engine and Alternator shall be mounted on common channel iron base frame, with complete fuel pipe line, antivibration mountings, residential type silencer, batteries & battery charger, minimum 95 ltr inbuilt HSD tank (day tank) with level indicator, first fill of lubricating oil, filling of sufficient diesel for testing & commissioning, and all mandatory accessories, complete with necessary civil work of making cement concrete foundation for placing the DG set, grouting, chipping, finishing with cement etc as recommended by OEM and as per site condition etc as required. The work shall be as per C.E.A/Electrical inspectorate standards.	Item 1	1	Job	559300.00	559300.00	INR Five Lakh Fifty Nine Thousand Three Hundred Only	
2	Insulated Exhaust Piping with aluminium cladding : Supply, installation, testing and commissioning of insulated MS exhaust pipe of 100mm dia with aluminium cladding of suitable length conforming to class - C as per relevant IS, i/c insulation of complete exhaust piping with mineral wool/rock wool of appropriate thickness and density, suitable for higher temperature with 24 SWG aluminium cladding (around the exhaust pipe) and fixing / supporting arrangement for piping, insulation & aluminium cladding etc. with all other required accessories such as bends, flanges, stainless steel flexible bellows, complete as required.	Item 2	8	Mtr.	4255.00	34040.00	INR Thirty Four Thousand & Forty Only	
3	Supply of following sizes of XLPE insulated PVC sheathed, aluminium conductor, armoured, power cable of 1.1 KV grade conforming to IS 7098 (Part I), 1988 amended upto date.							
3.1	3.5 x 70 Sqmm	Item 3	40	Mtr	336.00	13440.00	INR Thirteen Thousand Four Hundred & Forty	
4	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.							
4.1	Above 35 sq. mm and upto 95 sq. mm	Item 4	30	Mtr	92.00	2760.00	INR Two Thousand Seven Hundred & Sixty	

Downloaded by
Unur
6/10/21
5m (EE)

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
5	Outdoor LT Feeder pillar Panel (PTTA)						
5.1	Supply, Installation, Testing and Commissioning of LT Feeder pillar Panel, cubicle type, made out of 2 mm thick CRCA sheet steel, totally enclosed, outdoor weather proof, protection free standing, floor mounting, dust and vermin proof, indoor, compartmentalized, powder coated painting, suitable for operation on 3 phase and neutral, 415V, 50Hz AC supply system with busbars extendable on both sides, interconnections with suitable size of copper leads/ solid aluminium strips, MS stand including cement concrete foundation work, door locking arrangement, provision of bottom entry for incoming and outgoing cables. INCOMING: 1 Nos. MCCB, 250 Amps, 4 Pole, 35 kA with adjustable setting, thermal magnetic release with O/C & S/C protection as per specification and with following accessories. Note: It should have appropriate spacing between busbars for terminating 3.5 x 240 sq.mm XLPE insulated cable. BUS - BAR 4 Pole aluminum bus bars of 250 A capacity with heat shrinkable coloured sleeves i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 35 KA for 1 sec. INSTRUMENTS & ACCESSORIES 1 No. 96 mm x 96 mm digital type Voltmeter with suitable range for 3 phase, 4 wire operation with LED display and selector switch backup by 3 nos of 2Amp MCB. 1 No. 96 mm x 96 mm digital type Ammeter for 3 phase 4 wire operation with LED display and selector switch. 5 Nos of LED type phase indicating lamps (R,Y,B,ON/OFF) with controlled by 2 Amp MCB. OUTGOING: 3 Nos. 63A, 4pole, 35kA, MCCB with suitable four pole contactor, auto/manual selector switches and necessary wiring etc. Outgoing Feeder shall have ON, OFF LED light with back up 2 Amp SP MCB. Note: It should have appropriate spacing between busbars for terminating 3.5 x 240 sq.mm XLPE insulated cable.	Item 5	1	Job	182339.00	182339.00	INR One Lakh Eighty Two Thousand Three Hundred & Thirty Nine Only
6	Outdoor LT Feeder pillar Panel (PTTA)						
6.1	Supply, Installation, Testing and Commissioning of LT Feeder pillar Panel, cubicle type, made out of 2 mm thick CRCA sheet steel, totally enclosed, outdoor weather proof, protection free standing, floor mounting, dust and vermin proof, indoor, compartmentalized, powder coated painting, suitable for operation on 3 phase and neutral, 415V, 50Hz AC supply system with busbars extendable on both sides, interconnections with suitable size of copper leads/ solid aluminium strips, MS stand including cement concrete foundation work, door locking arrangement, provision of bottom entry for incoming and outgoing cables. INCOMING: 1 Nos. MCCB, 400 Amps, 4 Pole, 35 kA with adjustable setting, thermal magnetic release with O/C & S/C protection as per specification and with following accessories. Note: It should have appropriate spacing between busbars for terminating 3.5 x 240 sq.mm XLPE insulated cable. BUS - BAR: 4 Pole aluminum bus bars of 400 A capacity with heat shrinkable coloured sleeves i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 35 KA for 1 sec. INSTRUMENTS & ACCESSORIES: 1 No. 96 mm x 96 mm digital type Voltmeter with suitable range for 3 phase, 4 wire operation with LED display and selector switch backup by 3 nos of 2Amp MCB. 1 No. 96 mm x 96 mm digital type Ammeter for 3 phase 4 wire operation with LED display and selector switch. 5 Nos of LED type phase indicating lamps (R,Y,B,ON/OFF) with controlled by 2 Amp MCB. OUTGOING: 1) 6 Nos. 100A, 4pole, 35kA, MCCB with suitable four pole contactor, auto/manual selector switches and necessary wiring etc. Outgoing Feeder shall have ON, OFF LED light with back up 2 Amp SP MCB. Note: It should have appropriate spacing between busbars for terminating 3.5 x 240 sq.mm XLPE insulated cable. 2) 2 Nos. 63A, 4 pole, 35kA, MCCB with suitable four pole contactor, 0-24 hours astronomical timer, auto/manual selector switches and necessary wiring etc. Outgoing Feeder shall have ON, OFF LED light with back up 2 Amp SP MCB. Note: It should have appropriate spacing between busbars for terminating 4 x 25 sq.mm XLPE insulated cable.	Item 6	2	Job	212425.00	424850.00	INR Four Lakh Twenty Four Thousand Eight Hundred & Fifty Only

Downloaded by
Umer
6/10/21
Sentry

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
7	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and 20 mm dia medium class GI watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	Item 7	2	Set	14927.00	29854.00	INR Twenty Nine Thousand Eight Hundred & Fifty Four Only
8	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and 20 mm dia medium class GI watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Item 8	4	Set	8464.00	33856.00	INR Thirty Three Thousand Eight Hundred & Fifty Six Only
9	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia medium class G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	Item 9	50	Mtr.	1424.00	71200.00	INR Seventy One Thousand Two Hundred Only
10	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia medium class G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Item 10	70	Mtr.	422.00	29540.00	INR Twenty Nine Thousand Five Hundred & Forty Only
11	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Item 11	30	Mtr.	26.00	780.00	INR Seven Hundred & Eighty Only
12	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.						
12.1	3.5 X 240 sqmm	Item 12	14	Set	862.00	12068.00	INR Twelve Thousand Six Hundred & Eighty Four Only
12.2	3.5 X 70 sqmm	Item 13	4	Set	369.00	1476.00	INR One Thousand Four Hundred & Seventy Six Only
12.3	4 X 10 sqmm	Item 14	4	Set	253.00	1012.00	INR One Thousand One Hundred & Twelve Only
13	Dismantling/ Opening of already terminated PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 kV with brass compression gland and aluminium lugs by cutting the cable and plugging the hole with sealant after drawing the cable for following size as required.						
13.1	3.5 X 240 sqmm	Item 15	14	Set	115.00	1610.00	INR One Thousand Six Hundred & Ten Only
13.2	4 X 35 sqmm	Item 16	1	Set	81.00	81.00	INR Eighty One Only
13.3	4 X 16 sqmm	Item 17	4	Set	40.00	160.00	INR One Hundred & Sixty Only
13.4	4 X 10 sqmm	Item 18	4	Set	40.00	160.00	INR One Hundred & Sixty Only
14	Dismantling of existing installed Feeder panel of approx size of 1.78 x 1.34 x 0.55 mtr. i/c taking of dismantled Feeder panel to the within Airport premises as per direction of Engineer-in-Charge.	Item 19	3	Job	5130.00	15390.00	INR Fifteen Thousand Three Hundred & Ninety Only
15	Dismantling of existing installed 32.5 KVA DG set i/c taking of dismantled DG set to the within Airport premises as per direction of Engineer-in-Charge.	Item 20	1	Job	28451.00	28451.00	INR Twenty Eight Thousand Four Hundred & Fifty One Only
Total in Figures						1442367.00	INR Fourteen Lakh Forty Two Thousand Three Hundred & Sixty Seven Only
Quoted Rate in Words							

Downloaded by
Unu
6/10/21
Surya