

संदर्भ सं. भाविप्रा/बीओ/उप.महा.प्र.(ईजी-विद्युत)/ATC_DG/डब्ल्यू-09/2021-22 /294
Ref. No.: AAI/BO/DGM(E-E)/ATC_DG/W-09/2021-22

दिनांक: 15.11.2021
DATE:15.11.2021

By Speed Post / By E-mail

सेवा में,
मेसर्स मोना जनरेटर सर्विसेस (प्रा) लिमिटेड,
सी- 426, तीसरी मंजिल,
निर्माण विहार,
ईस्ट दिल्ली – 110092.

To,
M/s. Mona Generator Services (P) Ltd.
C-426, 3rd Floor,
Nirman Vihar,
East Delhi – 110092.

कार्य का नाम : वडोदरा हवाई अड्डे पर एटीसी टॉवर कम तकनीकी ब्लॉक का निर्माण ।

उपशीर्ष : 750 KVA डीजी सेट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग एवं संबंधित कार्य ।

Name of Work : Construction of ATC Tower Cum Technical Block at Civil Aerodrome Vadodara. SH:

Supply, Installation, Testing and Commissioning of 750 KVA DG Sets and Allied works.

Tender ID : 2021_AAI_88747_1

महोदय,

1. कृपया उपरोक्त टेंडर आई.डी. से संबंधित आपके टेंडर का अवलोकन करें।

1. Kindly refer your tender submission i.r.o above tender I.D.

2. उल्लिखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है। आपके द्वारा बताए आइटम मूल्यों पर आपका टेंडर कुल रु. **1,18,82,138/-** (रुपये एक करोड़ अठारह लाख बयासी हजार एक सौ अड़तीस मात्र) (जी.एस.टी रहित) है, जो कि टेंडरकी अनुमानित राशि / न्योचित राशि रु. **1,39,93,338 /-** (जी.एस.टी रहित) से 15.09 % कम है। वास्तविक के अनुसार **GST** का भुगतान किया जाएगा। भारतीय विमानपत्तन प्राधिकरण का गुजरात राज्य के लिए **GST संख्या : 24AAACA6412D1ZE** है।

2. Your 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. 1,18,82,138/- (Rupees One Crore Eighteen Lakh Eighty Two Thousand One Hundred Thirty Eight only) (Excluding GST)**, which is **15.09 % below** than the estimated cost / Justified cost **Rs. 1,39,93,338/- (Excluding GST)**. **GST shall be paid as per actual**. The GST No.of Airports Authority of India for Gujarat state is **24AAACA6412D1ZE**

3. उपमहाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि अपनी ओर से एक विश्वसनीय प्रतिनिधि नियुक्त करें जो करारनामे पर हस्ताक्षर करने तथा उसे पूरा करने के लिए दिनांक **10.12.2021** तक उपमहाप्रबंधक (अभि-विद्युत) भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा के कार्यालय में उपस्थित हो। ठेके का करारनामा ₹ 100/- के नॉनजुडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जायेगा।



Cont.page:- 2/-

नागर विमानक्षेत्र वडोदरा /Civil Aerodrome, Vadodara

दूरभाष/Phone: 0265-2485356 , फैक्स/Fax:0265-2464249 ई-मेल/E-Mail: apdvadodara@aai.aero

- 2 -

3. Dy.Gen. Manager (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Dy.Gen. Manager (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara by **10.12.2021** to sign and complete the contract agreement. The contract agreement shall be executed on a non - judicial stamp paper of value ₹ 100/- and the cost of the stamp paper shall be borne by you.
4. कृपया इस पत्र के जारी होने के 15 दिनों के भीतर निविदा की सामान्य शर्तों पृष्ठ संख्या GCC-129 के Schedule -E, para (iii) के अनुसार सिक्योरिटी डिपॉजिट के लिए राशि ₹ 11,88,214/- (रुपये ग्यारह लाख अठ्ठासी हजार दो सौ चौदह मात्र) केवल जमा कर दे, अन्यथा इतनी ही राशि आपके रनिंग बिलो से काट ली जाएगी।
4. Please deposit ₹ 11,88,214/- (**Rupee Eleven Lakh Eighty Eight Thousand Two Hundred Fourteen only**) towards security deposit as per Schedule -E para (iii) on page GCC-129 of tender document within 15 days from the date of issue of this letter, failing which the same will be deducted from your running bill.
5. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा उन्मूलन तथा 1971 के कन्द्रीय नियम तथा उन्मूलन एवं न्यूनतम वेतन अधिनियम और नियम के प्रावधानों का अनुपालन करें।
5. You are requested to comply with the provision of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation and abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.
6. आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (अभि-विधुत), भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट, वडोदरा से संपर्क करें, जोकि आपको साइट सोपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमत समय **09 महीने (नौ महीने)** है जोकि इस कार्य आदेश के जारी होने के दसवें दिन से गिना जाएगा।
6. You are also directed to contact AGM (Engg-E), Airports Authority of India, Vadodara Airport, Vadodara immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is **09 (Nine Months)** which shall be reckoned from the 10th day of issue of this work order.
7. ठेकेदार द्वारा किसी सुरक्षा विनियमों का उलंघन करते पाये जाने पर उसे ब्लैक लिस्टेड कर दिया जाएगा और अन्य कानूनी कार्यवाही की जाएगी।
7. If Contractor is found to violate any of security regulations, he shall be black listed and will be subjected to other legal proceedings.



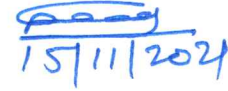
Cont.page:- 3/-

8. इस ठेके के संबंध में आगे का कोई भी पत्राचार उपमहाप्रबंधक (ईजी-विधुत), भाविप्रा, वडोदरा एयरपोर्ट, वडोदरा -390022 के पते पर किया जाए।
8. Any further correspondences in connection with the contract should normally be addressed to the Dy. Gen. Manager (Engg-E), AAI, Vadodara Airport, Vadodara -390022.
9. उपरोक्त कार्य के लिए त्रुटि दायित्व की अवधि 12 माह होगी जो कार्य के प्रमाणित समाप्ति के दिन से गिनी जाएगी।
9. The defects liability period for the above-mentioned work shall be 12 months from the certified date of completion work.
10. उपरोक्त हिन्दी एवं अंग्रेजी के पाठ्य में मतभेद होने पर अंग्रेजी लिपि में लिखित पाठ्य मान्य होगा।
10. In case of discrepancy in Hindi and English text then English text will be taken as correct.
11. कृपया पावती भेजे।
11. Please acknowledge the receipts.

संलग्नक: Schedule of Quantity

धन्यवाद / Thanking you,

भवदीप / Yours Faithfully,



(आर. बी एस कुशवाहा)
(R.B S Kushwaha)

उपमहाप्रबंधक (अभि.-विधुत)

Dy. General Manager (Engg-E)

कृते तथा ओर से अध्यक्ष

For and on behalf of chairman,

भारतीय विमानपत्तन प्राधिकरण, वडोदरा एयरपोर्ट.
Airports Authority of India, Vadodara Airport.

SCHEDULE OF QUANTITY

Name of Work: Construction of ATC Tower cum Technical Block at Civil Aerodrome Vadodara.
SH: Supply Installation, Testing and Commissioning of 750 KVA DG Sets and Allied works .

Tender ID: 2021_AAI_88747_1

Item. No.	Description of Work	Unit	Qty.	Rate(Rs.) (Excluding GST)	Amount (Rs.) (Excluding GST)
1.00	Providing, Installing, Testing and Commissioning of 'Silent Type' Diesel Generating set alongwith having Prime Power Rating of 750 KVA, 3 Phase, 50 Hz, 415 V AC System, comprising of Deisel Engine, Alternator, Engine Mounted instrument panel, Sound Attenuated Acoustic and weather proof enclosure as required complete with all other accessories as per specifications and as required. (A) Diesel Engine :- Diesel engine multi cylinder, 4 stroke, water cooled, with engine driven or electrical motor driven radiator, turbo charged - after / inter cooled with charged air cooling, vacuume indicator, lube oil system, electronic governor, electric start, of suitable BHP at 1500 RPM for above output of alternator at 46 Degree C, and conforming to BS 5514, BS 649, IS 10000. The engine shall be fitted with all required accessories as per specifications. (B) Alternator :- Synchronous alternator rated at 750 KVA, 415 V at 1500 RPM, 3 phase, 50 Hz, AC supply with 0.8 lagging power factor at 46 Degree C. The alternator shall be having SPDP enclosure, brushless, continuous duty, self-excited and self-regulated through AVR/DVR conforming to IS: 4722/BS 2613 suitable for tropical conditions and with class-H insulation. (C) Other Accessories/Equipment :- i) Engine mounted Instrument panel with microprocessor based fully integrated generating set controller (PCC 3.3 / WOODWARD / DEIF or equivalent) having digital display & Control devices for safety and monitoring alongwith indicators as required as per specifications. ii) Both Engine and alternator shall be mounted on suitable base frame made of MS channel with necessary reinforcement which shall be installed on a suitable cement concrete foundation and spring type vibration isolation arrangement as per recommendation of manufacturer.	Set	2.00	5088393.20	10176786.40

Item. No.	Description of Work	Unit	Qty.	Rate(Rs.) (Excluding GST)	Amount (Rs.) (Excluding GST)
	iii) Calibrated Day storage tank for 990 ltr capacity fabricated with 3 mm thick MS sheet complete with flanged inlet & outlet, overflow, drain, vent, high & low level indicator, 450 mm dia Access hole on top with cover and alarm contacts with C' class MS piping system etc. complete as per site requirement. iv) Residential / Hospital type silencer, SS braided rubber expansion bellows/ joints, exhaust piping upto silencer etc. as required. v) Necessary batteries (minimum 2 nos of 180 AH capacity each) complete with leads, charger and battery stand etc. vi) Terminal Arrangement suitable for 1600 A aluminium Busduct connections, initial charging of lubricants, coolants etc. All the above (except Day Oil tank) housed in an Acoustic and weather proof enclosure of thickness not less than 16 SWG CRCA sheet steel with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air into the atmosphere complying to CPCB norms etc. complete as required. Diesel Generating set (750 KVA) as described above.				
2.00	Providing and fixing in position exhaust pipe of following dia welded black MS pipe conforming to IS: 3589 cut to required lengths and installed with necessary bends, supports and clamps, anti-vibration mounting, SS braided Rubber expansion bellows, insulation of exhaust system with 50 mm thick mineral wool/ Rockwool of density not less than 120 kg/ cu. m, covered with 0.8 mm thick Aluminium cladding etc. as required. a) 300 mm dia (5.2 mm thick)	Mtr	100.00	5373.50	537350.00
3.00	Providing & fixing of MS support structure for exhaust fume pipes from DG Sets (Exhaust pipe to be measured and paid for separately) along horizontal and vertical runs upto the height (as per CPCB norms) including cutting, welding etc. and applying red oxide primer and two coats of synthetic enamelled paint of colour and shade as directed by Engineer-in-charge. The design of the support structure shall be done by the contractor & get the approval from Engineer-in-charge before execution etc. as required.	Kg	8000.00	76.00	608000.00

Page

Item. No.	Description of Work	Unit	Qty.	Rate(Rs.) (Excluding GST)	Amount (Rs.) (Excluding GST)
4.00	Fabricating, Supply, Installing, Testing & Commissioning of Automatic Mains Failure (AMF) panel suitable for 750 KVA silent type DG set complete with relays, timers, set of CTs for metering & protection and energy analyser to indicate currents, phase and line voltages, frequency, power factor, KWH, KVARH & provision for overload, short circuit, restricted earth fault, under frequency, control cabling from AMF panel to diesel engine and elsewhere if required, all complete and inter locking including the following facilities:- a) 1 Nos. of 1600 A 4 pole Electrically operated drawout type ACB with lcs=lcu=lcw 50kA having Microprocessor based releases for O/L, S/C & E/F. b) To receive 1600 A Al. bus duct for incoming and outgoing power. c) Energy analyser unit to indicate current, voltage, frequency ,power factor and KWH etc. d) Indicating lamps for load on mains and load on set. e) Fuse / MCBs for instruments. f) Battery charger, complete with transformer/ rectifier, D.C. voltmeter and ammeter, selector switch for trickle, off and boost and current adjustment. g) Main supply failure monitor, supply failure timer and restoration timer. h) Control unit with three impulse automatic engine start/stop and failure to start lockout. i) ON/OFF/Control circuit switch with indicator. j) Audio/Video annunciation for High water temperature, Low lubricating oil pressure, Engine over speed, Engine fails to start, Full load/maximum load warning.	Set	2.00	280000.65	560001.30
				Total	11882137.70
				Say Rs.	11882138.00

(Rupees One Crore Eighteen Lakh Eighty Two Thousand One Hundred Thirty Eight Only)

[Signature]
15/11/2024

(R.B.S. Kushwaha)
DGM (E-E)
AAI, CA, Vadodara