



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं:- भाविप्रा/किशनगढ़/अभि.(वि.)/अवार्ड लैटर-02/2024-25/1210-15

दिनांक:- 01/08/2024

सेवा में,

मैसर्स दोशी इलेक्ट्रिक इंजीनियरिंग कंपनी
ओल्ड जेल रोड, आर.एम.सी. बाल मन्दिर के सामने
राजकोट-360001
ई-मेल- doshielect@gmail.com

M/s Doshi Electric Engineering Co.,
Old Jail Road, Opp. R.M.C. Bal Mandir,
Rajkot -360001
E-mail- doshielect@gmail.com

विषय :- रिप्लेसमेंट ऑफ 500 केवीए डीजी सेट विथ 750 केवीए डीजी सेट एट किशनगढ़ एअरपोर्ट, अजमेर।

Subject:- Replacement of 500 KVA DG Set with 750 KVA DG set at Kishangarh Airport, Ajmer.

संदर्भ:- दिनांक 18/07/2024 को खोली गई आपकी बिड न.-2024_AAI_198480_1 (वित्तीय बिड)।

Ref:- Your Bid Number-2024_AAI_198480_1 (Financial Bid) opened on dated 18/07/2024.

महोदय,

- उल्लेखित कार्य हेतु आपकी ई-निविदा आपके द्वारा उद्धृत कुल **रु. 86,64,200.00** (अक्षरे छियासी लाख चौसठ हजार रुपये दो सौ मात्र) (जी.एस.टी. रहित) की नियत मद दर पर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि ई-निविदा की अनुमानित लागत **रु. 1,11,64,099.00** (जी.एस.टी. रहित) से **22.39% नीचे** हैं।

Your E-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totalling to **Rs. 86,64,200.00** (Rupees Eighty Six Lakh Sixty Four Thousand Two Hundred only) **(Excluding GST)** which is **22.39% below** the estimated cost of **Rs. 1,11,64,099.00 (Excluding GST)**.

- सहायक महाप्रबंधक (अभियांत्रिकी-विद्युत), भा.वि.प्रा, किशनगढ़ हवाई अड्डा, अजमेर इस कार्य के इंजीनियर-इन-चार्ज होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु **26/08/2024** तक सहायक महाप्रबंधक (अभियांत्रिकी-विद्युत), भा.वि.प्रा, किशनगढ़ हवाई अड्डा, अजमेर के कार्यालय में उपस्थित हो। संविदा करार रु 100/- (मात्र सौ रुपये) के न्यायिकेतर (नॉन-ज्युडिशियल) स्टाम्प पेपर पर बनाया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Assistant General Manager (Engg-E), AAI, Kishangarh Airport, Ajmer shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Assistant General Manager (Engg-E) AAI, Kishangarh Airport, Ajmer by **26/08/2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of **Rs. 100/-** (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

- सुरक्षा राशि **रु. 8,66,420/-** (अक्षरे आठ लाख छियासठ हजार चार सौ बीस रुपये मात्र) को 10 दिन के भीतर जमा करें अन्यथा इस राशि की कटौति संविदा कागजात के पृष्ठ 33 पर खण्ड-1 ए के अनुसार आपके चालू बिलों से की जाएगी।

Security deposit **Rs. 8,66,420/-** (Rupees Eight Lakh Sixty Six Thousand Four Hundred Twenty Only) within 10 days from the date of issue of this letter, failing which, the same will be deducted as per clause no.- 1A, page no. -33 of tender/contract document.

- आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970, संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971, बाल श्रम (निषेध एवं उन्मूलन) अधिनियम 1986, निर्माण श्रमिकों (सेवा के शर्त और नियमन) अधिनियम 1986 और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 जो कि निविदा दस्तावेज के जी.सी.सी. के प्रावधानों का और केन्द्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।

9/



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970, Contract Labour (Regulation & Abolition) Central Rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment & Condition of Service) Act 1996, Building & Other Construction Workers Welfare Cess Act 1996 as specified in GCC of tender Document and Rules of Central and state Govt.

5. आपको प्रबन्धक (अभियांत्रिकी-विद्युत), भा.वि.प्रा., किशनगढ़ हवाई अड्डा, अजमेर से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा किया जाएगा।

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

6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको **06 माह** का समय प्रदान किया जाता है जो कि इस पत्र के जारी होने की तिथि से 10 दिन बाद से प्रभावी होंगी।

Please note that the time allowed for carrying out the work shall be **06 Months** & shall be reckoned from 10th day after the date of issue this letter.

7. दोष दायित्व अवधि **एक (01) वर्ष होगी**, जो कार्य के पूरा होने की वास्तविक दर्ज तिथि से प्रभावी होगी।
The defects liability period shall be **One (01) Years**, which will be effective from the actual recorded date of completion of the work.

8. संविदा के संबंध में भविष्य में किसी भी प्रकार का पत्र व्यवहार सामान्यतः इंजीनियर-इन-चार्ज के नाम से किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge.

9. कृपया पत्र की पावती भेजें।
Please acknowledge the receipt.

10. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case any discrepancy is found, then English version will be taken as correct.

Enclosure :- BOQ Page-01 to 02

भवदीय / Yours Faithfully,


सहायक महाप्रबंधक (अभि०-वि०) / Asstt. Gen. Mgr. (Engg.-E)
कृते तथा ओर से अध्यक्ष, भा.वि.प्रा. / For and on behalf of Chairman, AAI

प्रतिलिपि / Copy to :

- निदेशक विमानपत्तन, भा.वि.प्रा., किशनगढ़ हवाई अड्डा, अजमेर।
- सहा. महाप्रबंधक (वित्त), भा.वि.प्रा., क्षेत्रीय मुख्यालय, उत्तरी क्षेत्र, रंगपुरी, नई दिल्ली।
- प्रबंधक (अभि.-विद्युत), भा.वि.प्रा., किशनगढ़ हवाई अड्डा, अजमेर।
- करारनामा।
- सम्बन्धित फाईल।

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority:-Asstt. Gen. Manager (Engg-E), Kishangarh Airport, Ajmer-305801

Name of Work:-Replacement of 500 KVA DG Set with 750 KVA DG set at Kishangarh Airport, Ajmer.

Contract No:-2024_AAI_198480_1

Name of the Bidder/ Bidding Firm / Company :		DOSHI ELECTRIC ENGG. CO. RAJKOT				
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 #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P (Excluding GST)	TOTAL AMOUNT (Excluding GST) in Rs. P (Excluding GST)	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply, Installation, Testing and Commissioning of 750 kVA/600KW, CPCB4+ complaint (as per the latest guidelines), synchroniztion compatible, 3Phase, 415V AC, 50 Hz, Silent type DG Set comprising Engine with minimum 900 BHP, at 1500 RPM, 0.8 lagging power factor, coupled with alternator mounted on a common base frame and consisting of the followings :					
1.1	Diesel Engine : CPCB-IV Norms Diesel Engine multi cylinder, 4 Stroke, turbocharged, water cooled, electric start, developing 900 BHP at 1500 RPM suitable for above output of alternator at 40 degree C, 50% RH & at 500 meter MSL and conforming to BS 5514, BS 649, IS 10000, capable of taking 10% over loading for one hour after 12 hours of continuous operation with Anti Vibration Pads. The engine will be fitted completed with all the required accessories.					
1.2	Engine mounted Instrument Panel fitted with and having digital display for following : (i)Start-stop switch with key (ii) Water temperature indication (iii) Lubrication oil pressure indication (iv) Lubrication oil temperature indication (v) Battery charging indication (vi) RPM indication (vii) Over speed indication (viii) Low lub. Oil trip indication (ix) Engine Hours indication					
1.3	Alternator: Synchronous, alternator out put rated at 750 KVA/600KW, 415 Volts at 1500 RPM, 3-Phase 50 Hz., AC Supply with 0.8 lagging power factor at 40 Degree C, 50% RH & at 500 Meter MSL. The alternator shall be having SPDP enclosure, brushless, continuous duty, self-excited and self-regulated through AVR, terminal arrangement i/c 1600A alumunium bus-duct box with other associated equipment conforming to IS: 4772/BS 2613, Self Cooled suitable for tropical conditions and with class-H insulation.					
1.4	Base Frame & Foundation : Both the engine and alternator shall be mounted on suitable base frame made of MS channel with necessary reinforcement which shall be installed on suitable cement concrete foundation and vibration isolation arrangement as per recommendations of manufacturer.					
1.5	Fuel Tank : 01 no inbuilt Fuel tank with valves, fuel level indications indicators and all accessories having capacity of 990 Ltr or as per OEM standrad complete as required.					
1.6	Exhaust System : Dry exhaust manifold with hospital/ residential type exhaust silencer and catalytic convertor meeting latest CPCB norms (CPCB IV+) and MOEF guidelines for noise level.					
1.7	Starting System : 12V/24V DC starting system comprising of starter motors, Voltage regulator and arrangement for initial excitation complete with suitable nos. of batteries (25 plates, 180 AH capacity lead acid type) as required as per specifications.					
1.8	Synchronization of new 750 KVA DG set with existing 500KVA DG Set (KOEL Make), the existing Programmable Logic Controller (PLC) in AMF panel is Make:- Woodward, Model:- EASYGEN-2500-5. If existing PLC is not compatible with new DG set then agency should have to provide suitable Programmable Logic Controller (PLC) in AMF panel at their own cost.					
1.9	Accoustic and weather proof enclosure with arrangement for fresh air intake for cooling of the engine and alternator, extraction, discharging hot air into the atmosphere as per specifications. The work should be as per Central Electrical Authority / Pollution control board standards & as per attached detailed technical specification.	1	Set	7170000.00	7170000.00	INR Seventy One Lakh Seventy Thousand Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P (Excluding GST)	TOTAL AMOUNT (Excluding GST) in Rs. P (Excluding GST)	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
2	Supplying and fixing exhaust gas piping for 750 kVA D.G. set with up to 350 mm dia. (or as per OEM) welded black MS pipe (Class-B) conforming to IS:1239 (part-I, 2004) cut to required lengths and installed with necessary bends, supports and clamps, anti-vibration mountings, SS Expansion Joints, pollution check point, SS belows etc. The exhaust pipes shall be insulated with 50 mm thick mineral wool (density 120 kg/m3) insulation wrapped in chicken mesh and clad with 0.6 mm thick aluminium sheet etc, complete as required as per technical specifications.	19	Mtr	6000.00	114000.00	INR One Lakh Fourteen Thousand Only
3	Design, Supply & fixing of self-supporting MS structure suitable for size of 350mm exhaust piping for 750 KVA DG set for a height up to 15 Mtr (9.5m building+ 5.5m above building) including fixing in CC upto 600 mm from ground level. The structure should be designed for a wind velocity prevailing at the site complete as required.	3000	Kg	120.00	360000.00	INR Three Lakh Sixty Thousand Only
4	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of DG set etc including form work etc as required.	3	Cum	6000.00	18000.00	INR Eighteen Thousand Only
5	Supplying, installation, testing and commissioning of 1250 Amps, Four pole horizontal drawout type air circuit breaker (ACB) of fault breaking capacity 50 KA (Ics=100%Icu) EDO, fitted with interlocked, Electrically and mechanically ON/OFF and service/test/isolated position indicators and frame earthing contact, conforming to IS:13947-2; 1993 as amended upto date, retrofit in existing AMF panel including required accessories like base frame etc complete as required. Make- L & T Model- U-Power OMEGA UW1-12N Category-B or equivalent. (The existing breaker is L&T Make of 800A and model- U-Power OMEGA UW1-08N Category-B)	1	Each	210000.00	210000.00	INR Two Lakh Ten Thousand Only
6	Supply & Fixing of 4- Pole aluminium bus bars of 1600 Amps capacity (minimum) in the existing Essential Panel with heat shrinkable coloured sleeves and i/c DMC / SMC bus bars supports at required intervals complete for cross section, size supports and their spacing etc. complete as per site requirement.	14	Mtr	10000.00	140000.00	INR One Lakh Forty Thousand Only
7	Supply, Installation, Testing & Commissioning of set of 3 Nos, Indoor RESIN CAST type Current Transformer ratio 1250/5, Class-1, burden 15VA etc. complete as required as per site requirement.	2	Set	7500.00	15000.00	INR Fifteen Thousand Only
8	Supplying, installing, testing and commissioning of following capacity Sandwich Type Bus Trunking for use on 3 phase 4 wire 415 volts, 50Hz A.C. supply with metal clad enclosure having IP-54 rating after fixing the tap off boxes and all accessories, made of 1.6mm thick steel sheet duly powder coated in convenient sections complete with 4 Nos aluminium bus bars having current density of 130 A/ sq cm at nominal current rating, necessary joints, elbow joints & expansion joints and bends, fire barrier at each floor, provision of tapping at every metre, adopter box and copper flexible for joints, continuous earthing with 2 Nos aluminium strip of suitable size (one on each side) including by suspension on ceiling, G.I. clamping brackets, suspenders, angle iron bracket, steel fasteners, connecting to earthing system etc including dismantling the existing bus trunking complete as required. 1600 A (Isc=50 kA for 1 second)	13	Meter	25000.00	325000.00	INR Three Lakh Twenty Five Thousand Only
9	Earthing with G.I. earth plate 600 mmx 600mm x 6 mm thick i/c. accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. With charcoal / coke and salt complete as required.	2	Set	8000.00	16000.00	INR Sixteen Thousand Only
10	Earthing with copper earth plate 600 x 600 x 3 mm thick i/c. accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. With charcoal / coke and salt complete as required.	2	Set	18000.00	36000.00	INR Thirty Six Thousand Only
11	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	15	Meter	1700.00	25500.00	INR Twenty Five Thousand Five Hundred Only
12	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	30	Meter	600.00	18000.00	INR Eighteen Thousand Only
13	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	110	Meter	1200.00	132000.00	INR One Lakh Thirty Two Thousand Only
14	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	122	Meter	350.00	42700.00	INR Forty Two Thousand Seven Hundred Only
15	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	1	Each	2000.00	2000.00	INR Two Thousand Only
16	Dismantling and shifting of 1 no. of 500 KVA DG Set (Kirkloskar make) along with exhaust piping etc. installed in Sub-station building to another location near the Sub-station building as decided by EIC complete as required.	1	Job	40000.00	40000.00	INR Forty Thousand Only
Total in Figures					8664200.00	INR Eighty Six Lakh Sixty Four Thousand Two Hundred Only
Quoted Rate in Words		INR Eighty Six Lakh Sixty Four Thousand Two Hundred Only				

[Signature]
Agreed