



Ref: AAI/TUT/E-E/TUT-77/2020-21/228

दि:/Date: 30.12.2020

सेवा में /To

M/S.DEEPAK ELECTRICALS,
Keel Street, Kosavanpudur VP,
Gudiyattam Taluk,
Vellore- 635 803.

विषय /Sub: 'Procurement of Mobile DG set at Tuticorin Airport'.

Ref : Your e-tender (Financial bid-2020_AAI_61663_1) Opened on 15.12.2020

महोदय /Dear sir(s),

- 1) 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.5,99,000.00 (Rupees Five Lakh Ninety Nine Thousand Only)** plus applicable GST which is 3.53% above the estimated cost put to tender of Rs. 5,78,580.00. (Excluding GST)
- 2) Asst. General Manager (Engg-Elect.), Airports Authority of India, Tuticorin Airport, Tuticorin – 628 103, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asst. General Manager (Engg-Elect.), AAI, Tuticorin Airport by **05.01.2021** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100.00 (Rupees Hundred Only) and cost of the stamp paper shall be borne by you.
- 3) The earnest money amount of Rs. 11,580.00 (Rupees Eleven Thousand Five Hundred Eighty Only) received along with your tender will be treated and converted as part of Security deposit as per clause no. 1A on page no 16 of GCC 2017 of contract document. Please deposit Rs.48,320.00 (Rupees Forty Eight Thousand Three Hundred and Twenty Only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of clause no. 1 A at page no 16 of GCC 2017 contract document.

Contd...2

विमानपत्तन निदेशक का कार्यालय भारतीय विमानपत्तन प्राधिकरण, तूत्तिकोरिन हवाई अड्डा,
तूत्तिकोरिन-628103

O/o The Airport Director, Airports Authority of India, Tuticorin Airport, Tuticorin – 628103
दूरभाष/TEL: 0461-2271863 फैक्स/FAX:0461-2271110 ई-मेल/E-mail: apd-tuticorin@aai.aero
वेबसाइट/Website: www.aai.aero

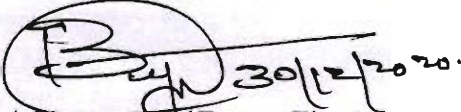


-2-

- 4) 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, Child Labour (Prohibition and Regulation) and 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:-50 of GCC of tender and rules of Central and State Governments.
- 5) You are also directed to contact Junior Executive (E-E), AAI, Tuticorin Airport, immediately who will arrange to hand over the site to you.
- 6) Please note that the time allowed for carrying out the work shall be **03 Months** and the same shall be reckoned from 08.01.2021
- 7) Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
- 8) 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.
- 9) This work order is allotted the number **TUT-77** which shall be quoted by you for all future correspondence in connection with this work order.

Encl: Schedule of Quantities

भवदिय /Yours faithfully,


30/12/2020

Asst. General Manager (Engg-Elect.),
For and on behalf of the Chairman,
Airports Authority of India

बिजू. के. जी / Biju. K.G
सहायक महाप्रबंधक (इंजीनियरिंग-विद्युत)
Assistant General Manager (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
तूत्तिकोरिन एयरपोर्ट / Tuticorin Airport
तूत्तिकोरिन / Tuticorin - 628 103

विमानपत्तन निदेशक का कार्यालय भारतीय विमानपत्तन प्राधिकरण, तूत्तिकोरिन हवाई अड्डा,
तूत्तिकोरिन-628103

O/o The Airport Director, Airports Authority of India, Tuticorin Airport, Tuticorin - 628103
दूरभाष/TEL: 0461-2271863 फैक्स/FAX:0461-2271110 ई-मेल/E-mail: apd-tuticorin@aai.aero
वैबसाइट/Website: www.aai.aero



**AIRPORTS AUTHORITY OF INDIA
TUTICORIN AIRPORT, TUTICORIN - 628 103**

SCHEDULE OF QUANTITY

Name of work : Procurement of Mobile DG set at Tuticorin Airport

S.N O.	DESCRIPTION	Qty	Unit	Rate (in Rs)	Amount (in Rs)
1	Supply, Assembling, Testing and Commissioning of trolley mounted 30 KVA SILENT Diesel Generator Set including 4 nos. temporary lighting structure with 2 nos. 60W LED floodlight luminaire in each structure, total 8 nos. (2 nos. x 4 structures) of LED floodlight luminaries, including cabling, DG set is of rating at 0.8 of lag, 415 V, 1500 RPM, 3 phase system at min. 0.80 load factor with CPCB-II approved acoustic enclosure comprising of radiator, multi cylinder Diesel Engine with rated capacity of suitable BHP at 1500 RPM, equipped with fly wheel, fuel tank, fuel piping, exhaust piping with insulation, Electric starting equipment, radiator cooled diesel engine coupled with Alternator of 3 Phase 415 volts 50 HZ AC supply mounted on sheet metal base frame with manual control panel with all standard accessories including one (01) number 12 Volt battery including loading, unloading and Transportation, etc as detailed below. Diesel Engine Diesel engine 4 stoke liquid cooled, electric start, of Min - 38 BHP at 1500RPM suitable for above out put of alternator at 50 Degree C, 50% RH and at 1000 Mtr MSL and conforming to BS 5514, BS 649, IS 10000, capable of taking 10% overloading for one hour after 12 hours of continuous operation. Complies with latest CPCB II emission norms including its up to date ammendments if any. The engine will be fitted complete with all the required accessories. Engine mounted instrument panel fitted with and having digital display for following: (i) Start-stop switch with key/ button (ii) Water temperature indication. (iii) Lubrication oil pressure indication (iv) Battery charging indication and health status (v) RPM indication (vi) Low lube. Oil trip indication (vii) Engine Hours indication (viii) Overspeed indication Alternator Synchronous alternator rated at 30 KVA, 415 Volts at 1500 RPM , 3 phase 50Hz, AC supply with 0.8 lagging power factor at 40 Degree C, 50% RH & at 1000 Mtr MSL. The alternator shall be having SPDP CRCA enclosure, brushless, screen protected, drip proof, revolving field, self excited, self regulated through AVR conforming to IS: 4722/BS 2613 suitable for tropical conditions and with class H insulation. Base Frame & Foundation: Both the engine and alternator shall be mounted on suitable base frame made of MS channel with necessary reinforcement as required suitable for mounting the above engine and alternator on Trolley. Trolley Heavy duty four wheel trolley complete with axle, with steering facility for the front wheels, four no mechanical stay jacks (screw type) and towing hook as per technical specifications. Temporary Lighting Structure Lighting tower of 2.5 mtr height suitable for temporary fixing on the ground, fabricated as per the drawing attached /similar/ superior design, suitable for fixing 2 nos. of LED floodlight luminaire per structure, entirely fabricated on GI, and aluminium painted to prevent rusting etc. complete as required. - 4 Set. Electrical System i) Standard control panel as per OEM shall consist of individual switch gears for lighting/receptacle. ii) 1no. each 63 Amp. Four pole, 25 KA MCCB & 63 Amps, 5 Pin heavy duty Insulated plug & socket combination confirming IP-44 (To tap the power supply from DG set to connect external loads) iii) Cable drum of PVC insulated PVS sheathed 5 x 4 sq.mm copper flexible cable of min 24 Mtr length, 1.1kV grade, copper conductor cable wound on a reel with insulated plug and socket (panel mounting) of current ratings of 32 A 5 pin - 1no., 16 A 3 pin - 3nos. conforming to IP 44 to receive the power supply from DG set.(Make: Hensel or equivalent/ superior make) - 4 nos. Suitable earthing arrangements using earthing rods and 2.5 sq.mm copper wire for body earthing. Starting System 12 V/ 24 V DC starting system as per OEM standards comprising of starter motors, voltage regulator and arrangement for initial excitation complete with suitable Nos. of batteries as required as per OEM Fuel System Fuel pump with A1 class mechanical governing shall be provided with inbuilt removable sheet metal fuel tank having minimum fuel capacity of 70 litres and fuel gauge system with qty indication with necessary connections and piping. Exhaust System Dry exhaust manifold with Residential exhaust silencer Acoustic Enclosure Acoustic & weather proof enclosure with arrangement for fresh air intake for cooling of the engine and alternator, extraction, discharging hot air in to the atmosphere as per specification.	1	Set	599000.00	599000.00
	Total Rs.				599000.00

(Rupees Five Lakh Ninety Nine Thousand only)

GST will be paid extra as per Government norms

Asst. General Manager (E-E)
 AAI, Tuticorin Airport
 बिजू. के. जी. / Biju. K.G.

सहायक महाप्रबंधक (इंजीनियरिंग-विद्युत)
 Assistant General Manager (Engg-Elect)
 भारतीय विमानपत्तन प्राधिकरण
 Airports Authority of India
 तूतीकोरिन एयरपोर्ट / Tuticorin Airport
 तूतीकोरिन / Tuticorin-628 103