

# KERALA STATE INDUSTRIAL DEVELOPMENT CORPORATION (KSIDC)

THIRUVANANTHAPURAM - 695 003

No. KSIDC/2017-18/ADMIN/DG/001

Dated. 21/02/2018

## Procurement (eTender) NOTICE INVITING TENDER

The Managing Director, KSIDC, Thiruvananthapuram for and on behalf of KSIDC invites online bids from the Original Equipment Manufacturers or their authorized dealers or bidders with valid class B or above electrical contract registration of KSIDC/PWD/KWA/KSEB/CPWD/MES/RAILWAY, who have successfully completed one similar work costing more than 40% (forty percentage) of the estimated Probable Amount of Contract (PAC) of the work during the last 5 years.

Sl.No	Qty.	Particulars
1	1	<p>Supply &amp; Installation 62.5 KV Diesel Generator set including required contactors/control devices and acoustic enclosure as per CPCB norms and as per technical details given below mounted on iron base frame.</p> <p>1)Engine</p> <p>a) Make of Engine - Volvo/MTU/Cummins/Kirloskar/Greaves Power/Crompton</p> <p>b)Type of Engine- Diesel Engine</p> <p>c) Number of Cylinders- As per manufactures standards</p> <p>d)Method of cooling- water cooled with radiator</p> <p>e)Aspiration- Turbo charged after cooled</p> <p>f) Design –Suitable for generating set operation</p> <p>g) Out Put – Required HP as per manufactures standards at 1500rpm under NTP condition</p> <p>2) Standard accessories with Diesel Engine</p> <p>a. Fly Wheel to suit flexible coupling</p> <p>b. Close Coupling</p> <p>c. Air Cleaner</p> <p>d. Radiator with fan provided with fan guard</p> <p>e. Fuel Pump</p> <p>f. Mechanical governor</p> <p>g. fuel filter</p> <p>h. Lubricating oil filter</p> <p>I. Exhaust silencer</p> <p>j. Exhaust muffler</p> <p>k. Battery charger/Generator</p> <p>3) Engine instrument Panel with the following items</p> <p>a. Starting switch with key or button</p> <p>b. Lubricating oil pressure gauge</p> <p>c. Water temperature gauge</p> <p>d. RPM indicator with hour meter</p> <p>e. Battery charging ammeter</p> <p>4) Safety Controls for Engine</p> <p>a. Trip for low lubricating oil pressure</p> <p>b. Trip for high water temperature</p> <p>5) Brushless alternator</p>

		<p>a. Make – Stamford/Crompton/LS/Kirloskar  b. Type- Self excited and self-regulated  c. Capacity – 62.5 KVA /50 KW@ 0.8PF  d. System of voltage – 3 phase , 415 V, 4 wire system  e. Speed – 1500 rpm  f. Voltage regulation band - +/- 5% of rated voltage  g. Frequency : 50 Hz  h. Insulation – Class F/H The alternator should conform to IS 4722 and with warranty for 3 years Operation and service manual, spares and tools shall be provided  6) Fuel Tank Suitable size built in type integrated with the acoustic enclosure with full tank Diesel Fuel connection shall done as per standards  7) Battery Suitable capacity fully charged battery with leads and terminals of appropriate AH capacity as per Manufacturers requirement  8) Supplying and providing Automatic Battery charger suitable for the 62.5 KVA DG set  9) Tools Kit Acoustic enclosure: As per CPCB norms The DG set should have warranty of 3 years from the date of installation</p>
2	1	Disconnecting and dismantling the existing DG set from AMF panel & existing foundation, placing it in the nearby place as instructed by KSIDC without any damage to nearby installations.
3	1	Installation of new DG set as per the manufacturer's instructions, providing electrical connections & silencer pipes as per specifications for smooth operation of the DG set and final commissioning through manufacturer's authorised representatives including cost of all sundry items necessary for the work.
4	1	Obtaining scheme approval and energisation approval from Electrical Inspectorate by submitting necessary documents and inspection fee and working the DG set through AMF already installed so as to feed the essential load and rearranging load if necessary.
	Date of start of submission of online bid	21.02.2018
	Last date & time of online submission of bid	15.03.2018 3.00PM
	Date & time of opening of technical bids	17.03.2018 3.00PM
	Place of opening of bids	KSIDC Head Office
	Tender Fee (0.2% of PAC)	Rs. 1,440/-
	Probable Amount of Contract (PAC)	Rs. 7,20,000/-
	EMD (2.5% of PAC)	Rs. 18,000/-
	Security Deposit (5% of PAC)	Rs. 36,000/-
	Bid validity	60 days
	Mode of submission of tender	Tender should be submitted online through website: <a href="http://www.etenders.kerala.gov.in">www.etenders.kerala.gov.in</a>
	Contact Address/telephone number	Asst. General Manager (IT & Admin), KSIDC Kochi, 0484 2323010
	Other requirements	1) Unit price must be inclusive of all taxes 2) The items should be supplied within 30 days of the receipt of Supply Order.

	Special Conditions	<p>a) Firms/Distributors quoting should submit ISO/GMP Certificates wherever applicable along with the tender document.</p> <p>b) All rules with regard to e-tenders should be followed.</p> <p>c) Rate of items quoted should be including transportation cost.</p> <p>d) Items should be supplied at destination specified in the supply order.</p> <p>e) Offers of conditional supply won't be allowed.</p> <p>f) 20% of the contract value shall be paid along with Purchase Order and the remaining amount after deducting the security deposit of Rs. 36,000/- shall be made after successful installation of and commissioning of the DG set.</p> <p>g) The security deposit shall be refunded without interest after 90 days of the successful commissioning date of the DG set, provided the DG set functions as desired.</p> <p>h) Brand name of items quoted must be mentioned in the quotation.</p> <p>i) The successful Tenderers should complete all supplies within the stipulated time stated in the Supply Orders. No extension of supply period will be granted.</p> <p>j) If the date scheduled for opening of tenders is declared as local holiday, tenders will be opened on the next working day.</p> <p>k) The only jurisdiction for any dispute regarding the purchase will be at Thiruvananthapuram.</p> <p>l) The undersigned has the right to cancel the tender, alter the dates specified in schedule or reject any bid without specifying any reason for doing so.</p> <p>m) The successful bidder shall execute an agreement with KSIDC on stamp paper worth not less than Rs. 200/-, within 7 working days of the award of contract.</p>
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MANAGING DIRECTOR  
KSIDC