



ACU/AUTY/AHRC-849/ 194 /2022-23

Date: 22.12.2022

TENDER NOTIFICATION

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or bonafide licensed manufacturer or their authorised local supplier/dealer/distributor in the state of Karnataka for the procurement of 750 KVA Diesel Generator as per section I & II.

1	Name of the work	Supply, Installation and commissioning of 750 KVA Diesel Generator to Adichunchanagiri Hospital and Research Centre, BG Nagara
2	Last date for tender submission	On or Before 11-01- 2023 up to 05:00 PM

SECTION -I

Instruction to Tenderers

- The Tenderer shall send quotes in 2 bid formats (Technical and Financial bids sealed separately inside the main envelope for any or all list of items). The inner and outer sealed cover must bear the following identification
 - Tender for[name of service | Contract]
 - Tender Reference No.....[insert number]
 - Address to “The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)”
 - The tenderer who prefers to submit the tender through Post can dispatch the same through Registered Post / Speed Post or Courier so as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, ACU BG-Nagara will not be liable or responsible for the same.
- Tender Currency:** Prices shall be quoted in Indian Rupees Only
- AMC/CMC** is subject to the Adichunchanagiri University’s norms.
- Amendment of Tender Documents:** At any time prior to the deadline for submission of tenders, the University may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment. Adichunchanagiri University

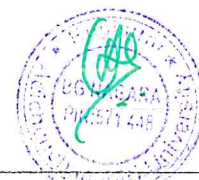




reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.

- **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 Years of ITR declaration inside the envelope and company contact details with email ID on the main envelope cover for further correspondence.
- **Tender Prices:** Prices indicated on the Price Schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded. Conditional tenders will not be considered.
- **Validity of the Bid:** 90 Days from the last date of submission of bid
- **Corrupt or Fraudulent practices:** The Adichunchanagiri University requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:
 1. will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 2. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a university contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University contract.
- **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.
- **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the tenders.

Delivery: The successful BIDDER should commence the services as per tender document/Work or Purchase Order. For any queries/ assistance, please write to registrar@acu.edu.in or telephone to purchase section +91 -98458 35834





SECTION -II

Technical Specifications			
Configuration Specification			
Sl.No.	Description of Item	Qty.	Unit
1.0	DG SET (750 KVA)		
	Providing, Installing, Testing and Commissioning of 'Silent Type' Diesel Generating set along with having Prime Power Rating of 750 KVA, 415 volts at 1500 RPM, 0.8 lagging power factor at 415V suitable for 50 Hz, 3 phase system and consisting of the followings: (Total of a to h).	1	Set.
a)	<u>Diesel Engine:</u>		
	Diesel engine 4 stroke water cooled, electric start, of suitable BHP at 1500 RPM suitable for above output of alternator at 40 Degree C, 50% RH & at 1000 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. The engine will be fitted complete with all required accessories.		
b)	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.		





c)	Alternator:		
		Synchronous alternator rated at 750 KVA, 415 volts at 1500 RPM, 3 phase 50 Hz, AC Supply with 0.8 lagging power factor at 40 Degree C, 50% RH & AT 1000 Meter MSL. The alternator shall be having SPDP enclosure, brushless, continuous duty, self-excited and self - regulated through AVR conforming to IS: 4722/BS 2613 Suitable for tropical conditions and with class - H insulation.	
d)	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.	
e)	Day Fuel Tank:		
i)		Day Fuel tank of 990 litres capacity fabricated out of 3 mm thick M.S. Sheet complete with all standard accessories and fuel piping between fuel tank and diesel engine with MS class 'C' pipes of suitable dia. Complete with valves, level indications & accessories as required as per specifications.	
f)	Exhaust System:		
		Dry exhaust manifold with hospital exhaust silencer .	
g)	Starting System:		
		24V DC starting system comprising of starter motors: voltage regulator and arrangement for initial excitation complete with 2Nos 12 volt Batteries (160Amp. Hour capacity lead acid type) as required as per specifications.	
h)		Specially designed Acoustic and weather proof enclosure made out of CRCA sheet and a structural / sheet metal base frame duly metal treated and painted with powder coat. Silent enclosure shall have high quality noise absorbent and fire retardant grade acoustic insulation material (Rockwool) comply to IS 8183 and with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air into the atmosphere as per specifications. Acoustic enclosure shall be CPCB approved design.	
		TOTAL for the DG SET only (A)	
3.0	EXHAUST PIPING		





		Supply and fixing Exhaust piping for DG Set's with following sizes of MS pipes conforming to IS-3589 with bends, tees, reducers, flexible connection etc. providing & fixing suitable self supporting arrangement duly painted at suitable intervals, supplying & fixing of 75 mm thick Rock wool insulation of density 96Kg per cubic metre on all sides of Exhaust pipe with chicken mesh wrapping and 24SWG aluminium sheet cladding , suitable for outdoor installation complete as required and as per specification.		
	a	200 mm dia MS pipe (5.0 mm thick).	25	M.
	b	250 mm dia MS pipe (5.0 mm thick).	25	M.
	c	300 mm dia MS pipe (5.0 mm thick).	25	M.
	d	150 mm dia MS pipe (5.0 mm thick).	25	M.
4.0		Woodward Easygen 2300 Genset Control and Protection Package for Auto Sync & Auto Load Sharing.	1	Set

Dr. C.K. Subbaraya

Registrar
Adichunchanagiri University
B.G.Nagara-571448

