

**KARNATAKA STATE AKKAMAHADEVI WOMEN
UNIVERSITY**



Tender For

The Supply and Installation of

Diesel Generator Set's and

Accessories

Tender Notice No.	As per E-procurement portal
Name of Work	E-TENDER FOR SUPPLY & INSTALLATION OF DIESEL GENERATOR SETS AND ACCESSORIES TO UNIVERSITY , VIAYAPUR
Amount Put to Tender	Rs.22,52,192/-
Earnest Money Deposit (EMD)	Rs. 56,300/-
Last Date / time of receipt of Tenders	As per E-Procurement Portal
Date/Time of Sample Verification	
Date/Time of opening of Technical Bid	
Date/Time of opening of Financial Bid	

ADDRESS FOR COMMUNICATION

Office of the Registrar

Karnataka State Akkamahadevi Women University, Vijayapur

INVITATION FOR TENDERERS

(Through Government Of Karnataka e-procurement platform <http://kppp.karnataka.gov.in>)

1. The Registrar, KSAWU, Gadag invites Tenders from eligible Tenderers, in two cover system for The supply and installation of Diesel Generator Sets detailed in the table through e-procurement portal of the Government of Karnataka viz, <http://kppp.karnataka.gov.in>. The Tenderers are advised to note the minimum qualification criteria specified in the Tender document for award of the contract.
2. Tender documents may be downloaded from the e-procurement, Government Of Karnataka as per specified time and date in the portal.
3. Tenders must be accompanied by the earnest money deposit specified for the work in the table below. Earnest money deposit will have to be in any one of the forms as per the instructions in the e-procurement portal.
4. Tender must be submitted through e-procurement portal as per time and date specified in the portal and opening of the tenders will be as per e-procurement portal guidelines.

Sl No	Name of the Item	Qty	EMD
1	Supplying and Fixing of 100 KVA DG Set and accessories setup at Jhana-Shakti Campus, Vijayapura	1	Rs.56,300/-
2	Supplying and Fixing of 62.5 KVA DG Set and accessories setup at Mandya Regional Centre, Mandya	1	

5. Other details and conditions can be seen in the tender document.

The Registrar reserves the right to place order between 75% to 125% of the quantities specified above.

6. Tender document may be downloaded from Govt. Of Karnataka E-procurement website <https://kppp.karnataka.gov.in/> index seam under login for contractors.
7. Tenders must be accompanied by the Earnest Money Deposit(EMD) as mentioned above for the different groups. This EMD is in the form of E –Cash, Credit Card, Direct Debit, National Electronics Fund Transfer (NEFT), Over the Counter (OTC).
8. The scope of the work shall include supply and installation of Diesel Generator Sets to KSAWU,Vijayapura.
9. Tenderers shall upload, scanned copies of document pertaining to the first and second cover, through E-procurement only. No physical document shall be considered. Further, the tenderers shall produce all the original Documents for verification whenever necessary.
10. For the Tenderer whose First Cover does not satisfy the tender criteria, and do not meet the required specifications his/her second cover will not be opened.

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11. The Registrar reserves the right to reject any or all the Tenders without there by incurring any liability or obligation to inform the tenderers of the reason for such action.
12. Addendum/Corrigendum / Modifications / corrections, if any, will be published in the website only.

13. GENERAL

1. Scope of Tender :

The Registrar, KSAWU, Vijaypur invites the tenders following Two cover Tender procedure, from the eligible Tenderers for the supply and installation of Diesel Generator Sets to KSAWU.

2. Eligible tenders:

- 2.1. Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Govt. of Karnataka.
- 2.2 Tenders from Joint-Ventures are not acceptable.

PERIOD OF VALIDITY OF TENDERS

Tenders shall remain valid for 90 days after the deadline for submission of tender prescribed by the purchaser in the e-procurement portal.

In exceptional circumstances, the registrar may solicit the Tender's consent to an extension of the period of validity.

QUALIFICATION OF THE TENDERER

1. The Tendered should be a registered contractor in ESCOMS class-I (Electrical) contractor license/Dealer/Manufacturer.
2. The Tenderer should be an Original Equipment Manufacturer (OEM) engaged in manufacturing, OR in case an OEM desires to authorise its partner or dealer, an authorisation letter from OEM should be produced.
3. In case of supply of DG set by the authorised dealer, the OEM whose DG sets are being supplied shall be responsible for adhering to the schedule of supply, installation and commission. In addition the responsibility of warranty maintenance shall also be of the OEM whose DG sets are being supplied.
4. The bidder should be a registered dealer under the GST and proof of the same should be submitted along with the tender.
5. The bidder should submit Copies of PAN, GST Registration.
6. The OEM should have relevant ISO certificate issued by the Competent authorities (copy should be enclosed)
7. The Tenderer should have completed satisfactorily one similar nature of work within the stipulated period of value not less than Rs.44.00 Lakhs in any one of the last Five years to any Government organisation/ University.

8. The bidder should have single purchase order of a value of Rs. 11.00 lakhs or above from any Govt. Organization / University in the last five years.
9. The bidder should submit the audit report for the three years viz 2022-23, 2023-24, 2024-25.
10. The bidder should have Income Tax returns filed for three years i.e. 2022-23, 2023-24, 2024-25.
11. Annual Turnover Certificate minimum value of Rs. 44 lakhs for the past three years i.e., 2022-23, 2023-24, 2024-25 certified by Chartered Accountant
12. 5 Year Warranty on Diesel Generator Set .
13. Bidder should have the Experience of having supplied of DG Set of Max 180 KVA Capacity to the Government Organisation. Bidder should submit the certificate from the same from the client.
14. The bidder Should visit the campus & get the certificate from the university & upload it in the E portal
15. The company should not be blacklisted. Self declaration statement should be attached.

Documents of proof for all of the above should be submitted.

Failure on the part of the Tenderer to produce the above documents constitutes sufficient grounds to make the Tenderer disqualified.

NOTIFICATION OF AWARD

Prior to the expiration of the period of tender validity, the Registrar will notify the successful tenderer that his tender has been accepted.

PAYMENT

1. The Suppliers request for payment shall be made to the Registrar in writing, accompanied by an invoice describing, as appropriate, The Goods delivered and installed, upon fulfilment of other obligation stipulated in the contract.
2. Payment shall be made after the supply and installation of DG Set's based on availability of the fund.

LIQUIDATED DAMAGES

If the supplier fails to deliver any or all the goods specified in the contract, the Registrar will deduct from the contract price as liquidated damages a sum equivalent to 0.5 percent of the delivered price of the delayed for each week or part thereof delay until actual delivery up to a maximum deduction of 10% of the contract price. Once the maximum is reached the Registrar may consider the termination of the contract.

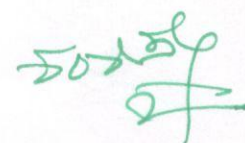
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TENDER PROCEDURE

1. The tender will be of two cover system. First cover will have the pre qualification along with the compliance to Diesel Generator Sets specifications detailed in Annexure – I
2. The bidder Should visit the campus & get the certificate from the university & upload it in the E portal. The bids of only those who upload the campus visit certificate will be opened.
3. The second cover of only those tenderers who meet the qualification criteria and whose samples meet the specifications will be opened.
4. Financial bid: Tenderers shall quote all inclusive prices i.e. Prices inclusive of all taxes, logistics and installation charges.
5. Technical specifications: The technical specifications given in the Annexure – I for the Diesel Generator Sets are to be adhered to.
6. Location of the office to which Diesel Generator Sets are to be delivered and installed: The Diesel Generator Sets are to be delivered to and installed at KSAW University Buildings, Vijayapur and Mandya.
7. Warranty: The warranty requirements for this tender are 5 years from date of installation.
8. E.M.D amount of unsuccessful Tenderers will be refunded after supply order is issued to the successful bidder. Interest will not be paid on E.M.D amount to the Tenderer.
9. The Registrar reserves the right to accept /reject tenders partially/completely at any stage without assigning any reasons. Registrar is not bound to accept the lowest tender. The decisions of the Registrar is final in all the controversies that may arise in the matter. No correspondence will be entertained thereon. All disputes are subject to Vijayapur Jurisdiction only.
10. In case the Diesel Generator Sets is not in-accordance with the technical specifications or received in damaged conditions the Tenderer should replace within 15 days without involving any additional cost to this institute.

PERFORMANCE SECURITY

1. The successful Tenderer shall furnish the performance security in the form of Demand draft for an amount equal to 5% of the contract price within 21 days of the receipt of Supply Order from the Registrar in favour of "Finance Officer, KSAW University, Vijayapur".
2. Failure of Successful Bidder to comply with the above requirements shall constitute sufficient grounds for the annulment of the award and forfeiture of EMD.



Annexure - I

Specification for the Supply and Installation of Diesel Generator Sets and Accessories

Sl No	Name of the DG set	Specifications	Qty
1	Supplying and Fixing of 100 KVA DG Set setup at Jhana-Shakti Cmapus, Vijayapura	Mentioned in Annexure – 6	1
2	Supplying and Fixing of 62.5 KVA DG Set setup at Mandya Regional Centre, Mandya	Mentioned in Annexure – 6	1

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Annexure - 2

Tender Form

Date: _____

To:

Gentlemen and/or Ladies:

Having examined the Tender Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver _____ in conformity with the said tender documents for the sum of _____ (Total tender amount in words and figures) or such other sums as may ascertained in accordance with the schedule of prices attached and made part of this render.

We undertake, if our tender is accept, to deliver the good in accordance with delivery schedule specified in the schedule of Requirement.

If our tender is accepted, will obtain the guarantee of a bank in sum equivalent 5% percent of the contract price for the due performance of the contract, in the form prescribed by the purchaser.

We agree to abide by this tender for the validity period specified in the Tender document of the and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely.

“Prevention of corruption Act.1988”.

We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____, 2026

(Signature)

Duly authorized to sign Tender for and behalf of



Annexure - 3

MANUFACTURERS' AUTHORIZATION FORM

To

Dear sir,

We _____ Who are established and reputable manufacturers of
_____ (Name and description of goods offered) having factories at
_____ (address of factory) do
hereby authorize M/s _____
(Name and address of agent) to submit a tender, and sign the contract with you for the goods
manufactured by us.

We hereby extend our full guarantee and warranty as per the Conditions of the Contract for the
goods and installations offered for, by the above firm.

Yours faithfully

(Name)

(Name of manufactures)



Annexure – 4

Proforma for Performance statement for the last three years

Name of the Firm:

.....

Orders placed by (Full address of Purchaser)	Order No and Date	Description and quantity of Goods ordered	Value of order	Date of completion of Delivery As per contract /Actuals	Remarks indicating reasons for late delivery, if any	Has the goods/equipment been satisfactorily functioning (Attach a certificate from the Purchaser)
1	2	3	4	5	6	7

Signature and seal of the Tenderer:.....

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Annexure – 5

Financial Bid Format:

Prices should be Inclusive of Taxes, Logistics and Installation charges.

The Financial bid format is only for the reference of the bidders. The Bidders should mention the rates online only in Karnataka Public Procurement portal as per the Govt. Order DE 165 aÉZÀÑ-12/2017 dated 21/3/2017.



Annexure – 6

Specifications

2) **10.1** Supplying, installing, testing and commissioning of Diesel Generator set with following specifications. Power rating as per standard reference condition as per-BS 5514/ISO 3046/ ISO 8528 & IS 1002/ISO 3046 Generator set specifications.

Engine: Diesel generating set are rated at 1500RPM and conform to ISO 8528 specifications. The engines are radiator cooled, four stroke and multi cylinder, conforming to ISO 3046. The scope of supply includes: Electrical starter motor 12V DC Battery charging alternator, Bosch fuel system with mechanical governor, A1 Class. Spin-on lube oil filter, Spin-on dual fuel filter with water separator, Turbocharger, Charge air cooler, Silencer (Hospital grade), Dry type air cleaner, Shutoff coil, Flywheel and flywheel housing, First fill of lube oil and coolant, Safety for low lube oil pressure, Safety for high water temperature, Permissible overload of 10% for one hour in 12 hours of operation.

Capacity of Fuel Tank: Fuel tank suitable for 8 hours of operation.

Alternator: Alternator is suitable for operation at 1500 RPM, 415 V, 0.8 pf (lag) suitable for 50 Hz, 3 phase, 4 wire systems, conforming to IS/IEC 60034-1. The Alternator is brush less type, screen protected, revolving field, self excited, self regulated through an AVR. The alternator shall have $\pm 1.0\%$ Voltage regulation (max) in static conditions- IP: 23 protections with insulation class F&H.

Mounting arrangement: Engine and alternator are mounted on a common MS fabricated base frame with AVM pads.

Control Panel: The control panel is manufactured with 14/16 gauge CRCA sheet and is powder coated for weather-proof and long lasting finish. The control panel consists of the following parts:- PS0500 Controller, Aluminium bus bars with suitable capacity within/outgoing terminals, Indicating IA for 'Load On' and 'Set Running', Instrument fuses duly wired and ferruled, MCCB of suitable rating with overload and short circuit protections.

Genset Controller: microprocessor based generator set monitoring and control system. The control provides a simple operator interface to the generator set, manual and remote start/ stop control, shutdown fault indication, and an LCD hour counter. The integration of all functions into a single control system provides enhanced reliability and performance compared to conventional generator set control systems. This control has been designed and tested to meet harsh environment in which gensets are typically applied. Features, Functions, protections 16 character x 2 line alphanumeric LCD display with LED Backlight.

Operator interface, Provide a record of most recent fault conditions. Fault history stored in the control non volatile memory, Provide Alternator Data. Voltage (1 ph or 3 ph line to line and line to neutral voltage, Current (1 ph or 3 ph), kVA (3 ph and total), Frequency, Provide Engine Data, Starting battery voltage, Engine running hours, Engine Temp, Engine oil pressure, Control includes provision for Service adjustment and calibration of DG control functions, Voltage, frequency selection, Configurable input and output set up, Meter calibration, Engine controls, Power Start operates on 12 VDC batteries,-Auto start mode accepts a ground signal from remote devices to automatically start the DG set The remote start will also wake up the control system from sleep mode.

Engine Starting -The control system supports automatic engine starting, Primary and back up start disconnects are achieved by battery charging alternator feedback or main alternator output frequency. Controller provide configurable time delay of 0-300 secs to start after remote start signal and time delay of 0- 600secs prior to shut down after stop signal. Sleep mode increase battery life. Configurable current settings from low to minimize current draw when genset is not working. Engine Protective functions include, Configurable alarm output, Emergency stop: Annunciated whenever an emergency stop signal is received by the control. Low lube oil pressure warning and Shutdown, High engine water temp warning / Shutdown, Low coolant temp warning, Sensor failure indication, Low and high battery voltage warning, Weak battery warning, Fail to start shut down, Cranking lockout: Control will not allow the starter to engage or to crank the running engine Cyclic cranking: Configurable for the number of starting cycle, (1 to 7) and duration of crank and rest periods. Alternator Protective functions includes, - High and Low AC voltage shut down, Under and Over frequency shutdown / warning, Loss of sensing voltage input shut down.

Acoustic enclosure: The acoustic enclosure shall be made of 1.6 mm thick CRCA sheets in suitable approved shade and a structural/ sheet metal base frame painted in black. The walls of the enclosure are insulated with fire retardant foam so as to comply with the 75dBA at 1 m sound levels specified by Ministry of Environment & Forest The enclosure has the following features: Specially designed to meet stringent MOEF/CPCB norms of 75dBA @ 1 m at 75% load under free field conditions, Two point lifting for easy handling at customer site, Designed to have optimum serviceability, Air inlet louvers specially designed to operate at rated load made on special purpose CNC machines for consistency in quality and workmanship, Powder coated for long lasting service life and superior finish, With UV resistant powder coating, can withstand extreme environment,

Use of special hardware for longer life, Insulation material meets exacting IS 8183 specifications for better sound attenuation, Flush styling - no projections, Fluid drains for lube oil and fuel, Fuel filling point inside the enclosure. The complete set shall have sufficient safety and adhere to NEC, NBC 2016, IEC, CPWD specifications, PCB norms and KSGEI Acts and Rules.

Page No: 42, Sl.No: 10.1.7, Rating: 62.5KVA/50kw Set,

Page No: 42, Sl.No: 10.1.9, Rating: 100 KVA/ 80 kw Set,

3) 10.2: Supply, Erection, testing and commissioning of AMF panel suitable forkVA DG set. The panel is of cubical type base/floor mounting control panel with hinged doors, undrilled bottom gland plate, aluminium Bus Bar with the accommodation forA 4 pole contactor for alternator with thermal O/L relay,..... A 4 pole contactor for mains, HRC fuse for short circuit protection, Microprocessor based AMF module with supply failure timer, Restoration timer, 3 impulse automatic engine start/stop logic, Mains/generator voltage,capacity bypass switch and frequency sensing, PCC 1301controller with water temperature/Lube oil pressure/ engine speed, Voltage/ampere/Frequency/ kVA, Running-hour count, No of starts, Fault indication, over / under speed, Fails to start, Low oil pressure, High engine temperature, Under/over voltage, over current, Earth fault relay, with indications for Mains on, Load on Mains, Battery charger on Push buttons AMF module by pass Mode, Battery charger unit with inbuilt Auto/Manual and

Flat/Boost facility. The complete set shall have sufficient safety and adhere to NEC, NBC 2016, IEC, CPWD specifications, PCB norms and KSGEI Acts and Rules.

Page No: 42, Sl.No: 10.2.3, Rating: 62.5 KVA Each,

Page No: 42, Sl.No: 10.2.4, Rating: 82.5 KVA to 125 KVA Each,

Cable and other Accessories:

1) Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990

Size: 8C X 1.5Sq.mm(2.5.5), Qty: 50 Mtr,

4) Supply and fixing of fully Enclosed Automatic Transfer Switch (ATS) Pre-wired with Flexible Settings and seamless transfer between two power sources. The enclosure made of MS Power coated of necessary size. The switch comprising of EB/DG-Priority Source Selection,. Adjustable Time Delay (0.1sec to 3 hours),.Double-Break Contact System offering High Short-time Withstand (Icw),.with necessary Terminal Shrouds, Phase Barriers & Source Separator,. Protections for UV/OV, Phase Sequence, Single Phasing, Frequency variation. There should be sufficient space for cable termination. Three Phase 415 V

ATS: 125A, Qty: 01,

5) Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.(PWD SR Ele 2023-24, Vol-6, Pg No.54, 12.57)

Earthing: Qty: 04,

6) GI/Copper strips for grounding connections, using necessary fixing materials as required.

GI Strip: Qty: 20,Mtr

7) 600 x 600 x 3 mm Copper plate(12.58.11)

Copper Plate: Unit: Each, Qty: 04,

8) Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. 8 SWG Copper wire.

For Grounding: Unit: Mtr, Qty: 50.00,

9) 1.1 kV, XLPE or Heat resistant PVC insulated, PVC extruded Inner Seath Armoured LTUG Cable as per IS-1554 (Part 1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975.

Size: 95 Sqmm, 3.5 Core, Unit: KM, Qty: 0.05,

10) Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as, LT Cable **Size: 35 to 95 Sqmm, 3.5 Core, Unit: KM, Qty: 0.05,**

11) Providing, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with

rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe around to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. complete. NOTE: Upto 110mm dia Coil shall be used, **HDPE Grade PE80-PN 4.0, 110mm, Unit: Mtr, Qty: 40**

