

Goethe-Institut Äthiopien invites competent and potential suppliers for the 160KVA Generator

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Bid closing date	5 p.m. on 6 December
Bid opening date	Date 09.12.2024
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Bid document price	
Bid bond	
Region	Addis Ababa

Invitation to tender (UVgO) 160KVA Generator

We hereby invite competent and potential suppliers for the 160KVA Generator.

Enclosed you will find the necessary general information, conditions, and forms.

The following tender conditions apply

Generator Set Specification

1. Diesel engine generating set stand by capacity 160KVA 160 KW 3phase pout put voltage 400/230 frequency 50Hz power factor 0.8rpm 1500 four wire system

- Known engine and alternator brand
- Fully automatic main failure electronics control unit (stop manual-auto-maintenance start button text display screen configurable).
- Separately mountable automatic transfer switch (ATS) board with indicators, safety controls and labels
- Maintenance-free starter battery having strong cold cranking ampere hours
- Back-up miniature charger installed in the unit
- emergency stop button
- fuel tank capacity for 8-10 operation hours

2. Engine Features

- Fuel-type diesel
- Cooling system water-cooled
- Battery start system
- Ambient temp 27°C
- Alternator to engine direct coupling

- charging alternator, water pump, and fun belt drive

3. (AMP) electronic control unit

- Dse 60xxxx series or computable
- Low oil pressure and height engine temperature control
- Under/ over generator volt control
- Under/ Over generator speed control
- Over-current of generator control
- Low fuel/low coolant level control
- Under /Over utility voltage control
- Under/Over utility frequency control
- Charging system control
- Low/high battery voltage control
- 3Phase generator and utility voltage sensing
- Start-stop failure control etc...

4. Safety

- The generator set has to be built in a soundproof and waterproof enclosure(canopy) that features a door sealing system comprising of unique foam and seal layering structure to ensure a water-tight seal and improved sound attenuations.
- The generator set has to be bolted to heavy duty frame with an antivibration pad
- The exhaust pipe out late must be straight upward covered by a flying cup and the cooling air direction is straight forward
- All moving parts of the generator set are covered by a protective guard
- The fuel tank has to be built within the unit frame easy and safe for fueling
- Stand-by generator set is powering offices; in training centers, the noise pressure level is to be the lower standard.
- The set unit must have fuel, water drainage provision, and a proper lifting facility

5. Additional requirements

- Supply of recent effective specifications
- Installation and erection materials cost should be attached in the financial document. The cable price should be listed per meter base.
- Operation and service manuals installation troubleshooting manual, wiring diagrams for ATS and ECU as well as alternator and alternator parts.
- List and price of one-time service spare parts
 - a. Fuel filter
 - b. Oil filter
 - c. Air filter
 - d. Drive belts

6. Warranty

- Product warranty against manufacturing defects.
- Tenders submitted must be accompanied with:
- Renewal business license, VAT/TIN registration certificate, an official authorization letter from the original manufacturer (if applicable)
- Authorization to import, manufacture, and/or Distributor products
- Company profile
- Evidence of past performance and experience in similar work

7. Award criteria/determination of the most economically advantageous tender

The most economically advantageous tender from suitable bidders will be determined by taking into account the following exclusion/evaluation criteria (evaluation on a scale of 0-10) with the specified weighting:

- Price with 30% weighting
- Quality with 50% weighting
- Delivery time with 20% weighting

Bids must be put in a sealed envelope, clearly marked by the bidder's name, address, and legal stamp, and submit their technical documents and price in person to the below address **from November 08, 2024, to December 06.2024, from 8:00 a.m. to 5:00 p.m.** international time. Bids submitted after **5 p.m. on 6 December** will not be considered. Only completed bids are accepted.

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Sedist Kilo, College of Business and Economics

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Goethe-Institut Äthiopien will open a tender response on Date 09.12.2024. at its own Discretion.


Company Info



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