



higher education
& training
Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA



REQUEST FOR QUOTATION (RFQ) TECHNICAL SPECIFICATION

Reference number: RFQ/EM/Gen1/2026-Taung

Campus Taung

Compulsory Briefing Session 30 October 2026 at 11h00

Closing date 13 November 2026 at 11h00

Project description: Supply, Delivery, Installation and Commissioning of One (1) silent 250 kVA Diesel Generator Set for Taung Campus.

1. Scope of Supply

The appointed supplier shall supply, deliver, install, test and commission one (1) new and unused, complete 250 kVA three-phase diesel generator set, including all standard accessories, controls, protection equipment and documentation required for safe and reliable operation. The set shall be suitable for standby and prime-power applications and housed in a sound-attenuated, weather-resistant enclosure.

- Supply and delivery of the generator set and all listed accessories.
- Offloading, positioning and installation at the designated site, subject to site conditions and the RFQ pricing schedule.
- Supply and installation of an automatic transfer switch (ATS) and associated control/interconnection wiring.
- Electrical connection, testing, commissioning and demonstration of automatic and manual operating modes.
- Submission of operating and maintenance manuals, warranty documentation, factory test certificates and commissioning report.
- Basic operator training for the client's nominated personnel and formal handover.

2. Minimum Technical Requirements

The following requirements are based on the supplied Bidder to state manufacturer GSD-250 data sheet. Bidders shall complete the compliance schedule and clearly identify any deviation. Equivalent or better

equipment may be offered only where permitted by the RFQ and where full supporting technical data is submitted.

Parameter	Minimum specification / requirement
Generator set / model reference	250 kVA diesel generator set meeting the stated performance requirements
Rated output – prime power	250 kVA
Rated output – standby power	265 kVA
Configuration	Three-phase, four-wire
Rated voltage	230/400 V
Rated frequency	50 Hz
Rated engine speed	1,500 rpm
Power factor	0.8
Engine make / manufacturer	Bidder to state manufacturer
Engine model	Bidder to state engine model
Engine type	Six-cylinder, water-cooled, turbocharged diesel engine
Engine displacement	8.8 litres
Bore x stroke	114 mm x 144 mm
Engine output at 1,500 rpm	230 kW
Fuel system	In-line fuel injection pump; direct injection
Governor	Electronic
Compression ratio	16.5:1
Cooling system	Water-cooled radiator and fan
Coolant capacity	30.5 litres
Engine oil capacity	25 litres
Recommended oil grade on data sheet	15W-40 (subject to engine manufacturer's operating requirements)
Starting system	24 V DC electric starter with charge alternator
Battery	Maintenance-free battery with rack and cables
Fuel tank capacity	500 litres
Fuel consumption at 100% load	55.1 litres/hour (manufacturer's stated figure)
Fuel consumption at 75% load	40.7 litres/hour (manufacturer's stated figure)
Fuel consumption at 50% load	27.7 litres/hour (manufacturer's stated figure)
Fuel consumption at 25% load	15.9 litres/hour (manufacturer's stated figure)
Alternator make	Brushless alternator suitable for the specified generator rating; bidder to state make and model
Alternator type	Brushless, self-exciting, self-regulating
Insulation class	Class H
AVR	Included; model SX460 stated in data sheet
Voltage regulation	±1% (as stated in data sheet)
Alternator connection	Three-phase / four-wire
Protection	Alternator circuit-breaker protection; IP23 protection class stated
Enclosure	Silent, weather-resistant canopy with lockable access doors

Dimensions (L x W x H)	3,150 mm x 1,150 mm x 1,850 mm
Dry weight	2,535 kg
Control module	Digital generator controller with automatic/manual start and equivalent or better monitoring and protection functions
Monitoring	Mains voltage, generator voltage, phase voltages, frequency, power factor, engine hours, battery voltage and oil pressure
Automatic shutdown / fault protection	Low oil pressure, high engine temperature, overspeed, under/over voltage, under/over frequency, charging failure and emergency stop
Automatic transfer switch	Included; electrically and mechanically interlocked, with suitable rating to be confirmed against the installation design
Emergency stop	External emergency-stop push button included
Exhaust	Exhaust silencer included

3. Installation and Commissioning Requirements

- The supplier shall inspect or obtain sufficient information about the site before finalising installation requirements and pricing.
- The generator shall be positioned on a suitable level foundation/base and installed with appropriate access for operation, maintenance, ventilation and exhaust discharge.
- All electrical work shall be undertaken by suitably qualified and legally authorised personnel and comply with applicable South African legislation, wiring rules, safety requirements and the approved installation design.
- The supplier shall verify the generator voltage, phase sequence, earthing/bonding arrangements, protection settings, cable and breaker compatibility, and ATS operation before energisation.
- Any fuel piping, external fuel storage, bunding, civil works, craneage, cabling, changeover integration or modifications not expressly included in the price must be listed as an exclusion or separately priced item.
- Commissioning shall include visual inspection, checks of fluid levels and leaks, start/stop tests, manual and automatic transfer tests, alarm/shutdown tests, voltage and frequency checks, and a load test appropriate to the manufacturer's instructions and site requirements.
- The supplier shall submit a signed commissioning report recording test results, settings, serial numbers and outstanding items. The generator shall not be handed over with unresolved safety-critical defects.

4. Documentation and Handover

- Manufacturer's technical data sheet and full model/serial-number details.
- Factory inspection and test certificate where available.
- Operating and maintenance manuals in English.
- Electrical drawings, wiring diagrams, ATS/control diagrams and recommended maintenance schedule.

- Warranty certificate with commencement date, duration, inclusions, exclusions and service contact details.
- Commissioning and load-test report, including measured voltage, frequency and load where applicable.
- List of recommended consumables and critical spare parts, with prices or part numbers.
- Operator orientation/training attendance record.

5. Warranty and After-Sales Support

The supplier shall state the warranty period and operating-hour limit, whichever occurs first, and confirm the availability of authorised service support and spare parts in South Africa. The supplied data sheet refers to a warranty of one (1) year or 1,000 operating hours; bidders shall confirm this in writing and identify any different warranty terms offered.

6. Bidder Compliance Schedule

Bidders must complete the following schedule and attach the manufacturer's technical data sheet. A response of "Comply" must be supported by the offered model's documentation. All deviations must be listed clearly.

Item	Requirement	Bidder response (Comply / Deviate)	Offered specification / remarks
1	250 kVA prime / 265 kVA standby rating		
2	Three-phase, 400/230 V, 50 Hz, 1,500 rpm		
3	Diesel engine meeting the stated minimum performance requirements; bidder to state make and model engine or approved equivalent		
4	Brushless alternator with AVR		
5	Silent weather-resistant canopy		
6	500-litre fuel tank		
7	Controller with automatic/manual operation and fault shutdowns		
8	ATS included		
9	Delivery, installation, testing and		

	commissioning included		
10	Warranty and local after-sales support confirmed		
11	Manuals, test certificates and commissioning report supplied		

7. Pricing Schedule (to be completed by bidder)

No.	Description	Qty	Price (ZAR, incl./excl. VAT as specified in RFQ)
1	250 kVA generator set, including standard accessories	1	
2	ATS and associated controls	1	
3	Delivery and offloading	1	
4	Installation and electrical integration	1	
5	Testing, commissioning and load test	1	
6	Operator training and handover documentation	1	
7	Optional: recommended spares / service plan (itemise)	Optional	

8. Important Notes to the RFQ Issuer

- Confirm whether the required rating is 250 kVA prime power and 265 kVA standby power, as shown on the supplied data sheet.
- Confirm the ATS amperage and pole configuration with the electrical designer and the site supply arrangement before issuing the RFQ.
- Confirm whether the 500-litre tank is an integral base tank and whether any external bulk tank, fuel, concrete base, cabling, craneage or building alterations are required.
- The manufacturer stated fuel consumption and dimensions are to be verified against the exact offered model before award.

- The specification should be read with the RFQ pricing schedule, site conditions and any applicable drawings.

9. Administrative requirements

Supplier / contract must submit the following returnable for the RFQ to be considered responsive:

1. CDS report not older than three (3) months
2. CIDB Registration, EP Grade 1 (valid) if not the RFQ will not be considered.
3. Three reference letter, with official Order Number and completion certificate of works / projects done for installation of backup equipment that is either 250kva or higher, suppliers / contractors must have installed such backup system in institution that has many large rooms of a minimum of 8mx8m or bigger including students residential.
Must also be able to balance power load to ensure that College will have power when there is load reduction.
4. Copies of identity documents
5. CIPC documents
6. Tax Pin
7. Official Quotation on company letterhead, quoted price must include all related costs.
8. **Offer for material credit for existing Generator that is no longer fit for purpose**
9. **Project Installation Plan covering the following areas:**
 - Decommissioning existing GenSet that's not fit for purpose
 - Site preparation and installation of new / replacement GenSet
 - Mechanical setup for Installation
 - Electricals works – wiring and integration
 - Training of staff – to operate GenSet
 - Handover and close off
10. *Draft Maintenance Plan not exceeding 1page*

10. Compulsory briefing session

Microsoft team online(virtual) meeting will be held link below:

Date: 30 October 2026 at 11h00

<https://teams.microsoft.com/meet/3768727899225859?p=5RW50lWTZhlwtu6Qm4>

Meeting ID: 376 872 789 922 585 9

Passcode: dw6dP3Tm

Non-attendance of online compulsory briefing session will disqualify your RFQ

11. Closing date and submission

RFQ must be submitted on the 13th of November 2026 at 11h00 via email to

molefi@vuselelacollege.co.za

For any further information please contact Mr Molefi on 018 150 0537

BIDDER’S DISCLOSURE

1. PURPOSE OF THE FORM

- 1.1 Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa, 1996 (Constitution), and further expressed in the various applicable legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.
- 1.2 If a person is listed in the Register for Tender Defaulters and/or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. DECLARATION ON EMPLOYMENT BY ORGAN OF STATE

- 2.1 Is the bidder, or any of the directors / trustees / shareholders / members / partners of the bidder employed by an organ of state, as defined in section 239 of the Constitution?
YES/NO
- 2.2 If YES, furnish particulars of the names, individual identity numbers, in the table below:

Full Name	Identity Number	Name of organ of state

- 2.3 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

- 2.3.1 If so, furnish particulars:

.....
.....
.....

- 2.4 Does the bidder or any of its directors/trustees/shareholders members/partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise, whether or not they are bidding for this contract?
YES/NO

2.4.1 If so, indicate all companies registered in the CSD in the table below:

Supplier registration number (MAAA)	Status (active/inactive/deleted)

Failure to disclose all CSD-registered active companies linked to all Directors will lead to disqualification.

3 GENERAL DECLARATION

I, ..., the undersigned, in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure.
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found to be false.
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act, 1998 (Act No. 89 of 1998) and or may be referred to law enforcement agencies for criminal investigation and or may be restricted from conducting business with the state for a period not exceeding 10 years in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) or any other applicable legislation.

I CERTIFY THAT THE ABOVE IS CORRECT.

I ACCEPT THAT THE PROCURING INSTITUTION MAY REJECT THE BID OR TAKE APPROPRIATE ACTION AGAINST ME IF THIS DECLARATION IS FALSE.

.....
Signature

.....
Date

.....
Designation

.....
Name of bidder

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included).
- The applicable preference point system for this tender is the 80/20 preference point system.

1.2 Points for this tender shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.3 **To be completed by the organ of state:**

The total points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

1.4 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.5 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all

applicable taxes less all unconditional discounts;

- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$Ps = 80 \left(1 - \frac{Pt - Pmin}{Pmin} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of **Regulation 4(2)** of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

- (a) any other invitation for tender, that is 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	A: Number of points allocated (80/20 system)	B: Number of points claimed (80/20 system) (To be completed by the tenderer) B=A(20)
more than 50% (fifty percent) ownership by Black people # supporting document, BBBEE certificate or Sworn Affidavit	6	
more than 50% (fifty percent) ownership by Women # supporting document CSD and CIPC document	5	
more than 50% (fifty percent) ownership by people with disabilities Supporting Medical certificate	4	
Locality - Taung # Municipality account or Tribal letter or Lease agreement	5	
NB: POINTS CLAIMED BY SUPPLIER MUST BE THE SAME AS POINTS IN A FOR SPECIFIC GOALS		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.2. Name of company/firm.....

4.3. Company registration number:

4.4. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.5. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;

- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:	
DATE:	
ADDRESS:	
	
	
	

Supplier RFQ Submission checklist

No	Description	Compulsory	Submitted Yes / No
1.	CDS report not older than three (3) months	✓	
2.	CIDB Registration, EP Grade 1 (valid) if not the RFQ will not be considered.	✓	
3.	Three reference letter, with official Order Number and completion certificate of works / projects done for installation of backup equipment that is either 250kva or higher, suppliers / contractors must have installed such backup system in institution that has many large rooms of a minimum of 8mx8m or bigger including students residential.	✓	
4.	Copies of identity documents	✓	
5.	CIPC documents	✓	
6.	Tax Pin		
7.	Official Quotation on company letterhead, quoted price must include all related costs.	✓	
8.	<u>Offer for material credit for existing Generator that is no longer fit for purpose</u>	✓	
9.	<u>Project Installation Plan covering the following areas:</u> • Decommissioning existing GenSet that's not fit for purpose • Site preparation and installation of new / replacement GenSet • Mechanical setup for Installation • Electricals works – wiring and integration • Training of staff – to operate GenSet • Handover and close off	✓	
11.	<i>Draft Maintenance Plan not exceeding 1page</i>	✓	
12.	<i>Complete SDB 4</i>	✓	
13.	<i>Complete SBD 6</i>		
14.	<i>Supporting document to claim Specific Goals points , if there is no proof then points will not be located.</i>		

Supplier / Contractor: _____

CIDB No: _____

CSD No MAAA _____

Signature: _____