



REQUEST FOR QUOTATIONS

1.RFQ Name: Removal of the old generator and supply, delivery, installation of new generator at Willowvale campus

RFQ Number: KHC/RFQ/17/2025

Specification Enquires: Mr. M.Mpithi

Contact Details: 047 401 6400/6485

Email address: mmpithi@khc.edu.za

SCM Enquiries: Ms N. Maseme

Contact No: 047 401 6400/6437

Email address: nmaseme@kinghintsacollege.edu.za

2. Compliance documentation to be submitted

2.1 MANDATORY DOCUMENTS TO BE SUBMITTED WHEN SUBMITTING THE QUOTATIONS:

- Original SARS Valid Tax Clearance Certificate or tax pin
- Copy of Business Registration Documents (CIPC)
- Proof of registration with Central Supplier Database (Full CSD report and NOT a summary)
- Completed supplier declaration form (SBD 4) (obtainable from the website)

2.2 OTHER REQUIREMENTS:

- Completed SBD 6.1 Preferential points claim form and submission of applicable documents outlined on Specific goals document (obtainable from the website).
- Certified copy of ID of director(s), (Certification must not be older than 6 months)



3. Compulsory site inspection

Date: 16 April 2025

Time: 10:00 am

Venue: King Hintsa TVET College, Willowvale campus, 1042 Baine Street, Willowvale, 5045

4. Closing date for submission of quotations and compliance documents.

Date: 25 April 2025

Time: 14:00pm

Strictly via email to: nmaseme@khc.edu.za

NO LATE QUOTATIONS WILL BE ACCEPTED

5. TECHNICAL SPECIFICATION

Performance	
Prime Power (PRP)	150kVA
Standby power (LTP)	165 kVA
Power factor	0.8
Frequency	50Hz
Voltage	380V
Engine Description	
Engine Model	SC7H220D2
Engine type	6-cylinder
Air intake type	Turbo-charged, air-to-air intercooled

Cooling mode	Water cooling
Governor mode	Electronic
Bore x Stroke	105mm x 124mm
Compression ratio	16:1
Rated Speed	1500 RPM
Displacement	6.4L
Starter motor	24V
Description	Diesel generator
Alternator Description	
Alternator Model	DE274G120
Rated Output Power	120kW/150kVA
Rated Current	227,9 Amps
Exciter type	Brushless, self-excited
Phase number	Three phase
Protection grade	IP23
Automatic Changeover Switch Controller	
ATS Model	SGQ-250 A/T
Pole	4
Phase	3-ph
Rated current	250A
IP Rating	IP54
Canopy information	
Noise Level (dBA@7m)	75
Canopy Type	Silent
Canopy material	2.0mm thickness cold rolled steel
Canopy colour	Anthracite mat grey (RAL7016)
Base material	Mild steel

Base colour	Mat black (RAL 9005)
AVR	Constant voltage AVR
Length	3300mm
Width	1130mm
Weight	
Weight (no Fuel)	1983kgs
Tank capacity 285 L	
Cons. @ 50% load	18.1 L/h (Litre per hour)
Cons. @ 75% load	26.2 L/h (Litre per hour)
Cons. @ 100% load	35.8 L/h (Litre per hour)

Battery description	
Battery Model	6-QW-60L
Voltage	12V
Quantity	2
Capacity	60AH
Type	Maintenance free
Recommended fluids	
Diesel	95
Oil	L-ECD grade or 15W40
Generator Testing (PDI)	YES



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Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA



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Generator should comply with the below mentioned standards:

ISO 9001 : Manufacturer's certified

ISO 14001 : Environmental management certified

ISO 3046: Performance & Combustion certified.

ISO 9001: 2015: Quality Management certification

ISO18001:2007: Occupational Health and Safety certified