



Quotation Advert

Opening Date: 2020-04-30 

Closing Date: 2020-05-08 

Closing Time: 11.00

INSTITUTION DETAILS

Institution Name: St Andrews hospital 

Province: KwaZulu-Natal

Department or Entity: Department of Health


Division or section: Central Supply Chain Management

Place where goods / services is required st andrews

Date Submitted 2020-04-30 

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:
22/20/21

Item Category: Services 

Item Description: SERVICE TO THE GENERATOR (ONCE OFF)

Quantity (if supplies)

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable 

Date : 

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: OBTAIN ON THE WEBMASTER

QUOTES SHOULD BE DELIVERED TO: 14 MOODIE STREET HARDING AT THE TENDER BOX OR EMAILED TO THE EMAIL BELOW

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:


Name: MR E S MTHEMBU

Email: Ronnie.Govender@kznhealth.gov.za

Contact Number: 0394331955

Finance Manager Name: Ronnie

Finance Manager Signature:


No late quotes will be considered

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to quote (includes a price quotation, advertised competitive quote, limited quote or proposal). In view of possible allegations of favouritism, should the resulting quote, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
 - the bidder is employed by the state; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the quote(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the quote.

2. In order to give effect to the above, the following questionnaire must be completed and submitted with the quote.

- | | |
|--|---|
| 2.1. Full Name of bidder/representative..... | 2.4. Company Registration Number: |
| 2.2. Identity Number: | 2.5. Tax Reference Number: |
| 2.3. Position occupied in the Company (director, trustee, shareholder ²):..... | 2.6. VAT Registration Number: |

2.7. The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below. [TICK APPLICABLE]

2.8. Are you or any person connected with the bidder presently employed by the state? YES NO

2.8.1. If so, furnish the following particulars:
 Name of person / director / trustee / shareholder/ member:
 Name of state institution at which you or the person connected to the bidder is employed:.....
 Position occupied in the state institution: Any other particulars:.....

2.8.2. If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector? YES NO

2.8.2.1. If yes, did you attach proof of such authority to the quote document?

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the quote.)

2.8.2.2. If no, furnish reasons for non-submission of such proof:

2.9. Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? YES NO

2.9.1. If so, furnish particulars:.....

2.10. Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this quote? YES NO

2.10.1. If so, furnish particulars:.....

2.11. Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this quote? YES NO

2.11.1. If so, furnish particulars:.....

2.12. Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? YES NO

2.12.1. If so, furnish particulars:.....

3. Full details of directors / trustees / members / shareholders.

NB: The Department Of Health will validate details of directors / trustees / members / shareholders on CSD. It is the suppliers' responsibility to ensure that their details are up-to-date and verified on CSD. If the Department cannot validate the information on CSD, the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17.

4. DECLARATION

I, THE UNDERSIGNED (NAME).....CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2.

I ACCEPT THAT THE STATE MAY REJECT THE QUOTE OR ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

| | | | |
|-------------------------|--------------------|-------------------|---------------|
| Name of bidder | Signature | Position | Date |
|-------------------------|--------------------|-------------------|---------------|

¹State means -

- | | |
|---|---|
| a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999); | c) provincial legislature; |
| b) any municipality or municipal entity; | d) national Assembly or the national Council of provinces; or |
| | e) Parliament. |

²Shareholder² means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

SPECIAL CONTRACT CONDITIONS OF QUOTATIONS

1. AMENDMENT OF CONTRACT

- 1.1. Any amendment to or renunciation of the provisions of the contract shall at all times be done in writing and shall be signed by both parties.

2. CHANGE OF ADDRESS

- 2.1. Bidders must advise the Department of Health (institution where the offer was submitted) should their address (*domicilium citandi et executandi*) details change from the time of bidding to the expiry of the contract.

3. GENERAL CONDITIONS ATTACHED TO THIS QUOTATION

- 3.1. The institution is under no obligation to accept the lowest or any quote.
- 3.2. The price quoted must include VAT (if VAT vendor). However, it must be noted that the department reserves the right to evaluate all quotations excluding VAT as some bidders may not be VAT vendors.
- 3.3. The bidder must ensure the correctness & validity of quote:
- (i) *that the price(s), rate(s) & preference quoted cover all for the work/item (s) & accept that any mistakes regarding the price (s) & calculations will be at the bidder's risk*
- 3.4. The bidder must accept full responsibility for the proper execution & fulfilment of all obligations conditions devolving on under this agreement, as the Principal (s) liable for the due fulfilment of this contract.
- 3.5. This quotation will be evaluated based on the 80/20 points system, specification & correctness of information. All required documentation must be completed in full and submitted.
- 3.6. Offers must comply strictly with the specification.
- 3.7. Only offers that meet or are greater than the specification will be considered.
- 3.8. Late quotes will not be considered.
- 3.9. Expired product/s will not be accepted. All products supplied must be valid for a minimum period of six months.
- 3.10. A bidder not registered on the Central Suppliers Database or verification has failed will not be considered.
- 3.11. All delivery costs must be included in the quote price, for delivery at the prescribed destination.
- 3.12. Only firm prices will be accepted. Such prices must remain firm for the contract period. Non-firm prices (including rates of exchange variations) will not be considered.
- 3.13. In cases where different delivery points influence the pricing, a separate pricing schedule must be submitted for each delivery point.
- 3.14. In the event of a bidder having multiple quotes, only the cheapest according to specification will be considered. Furthermore a verification will be done to identify if bidders have multiple companies and are quoting (cover-quoting) for this bid. In such instances only the cheapest bid according to specification will be considered.

4. SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF THIS QUOTATION.

- 4.1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
- 4.2. Under no circumstances whatsoever may the quotation/bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
- 4.3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
- 4.4. Quotation submitted must be complete in all respects.
- 4.5. Any alteration made by the bidder must be initialled.
- 4.6. Use of correcting fluid is prohibited
- 4.7. Quotation will be opened in public as soon as practicable after the closing time of quotation.
- 4.8. Where practical, prices are made public at the time of opening quotations.
- 4.9. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.

5. SPECIAL INSTRUCTIONS REGARDING HAND DELIVERED QUOTATIONS

- 5.1. Quotation shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the quotation documents.
- 5.2. Each quotation shall be addressed in accordance with the directives in the quotation documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the quotation number and closing date indicated on the envelope. The envelope shall not contain documents relating to any quotation other than that shown on the envelope. If this provision is not complied with, such quotations/bids may be rejected as being invalid.
- 5.3. All quotations received in sealed envelopes with the relevant quotation numbers on the envelopes are kept unopened in safe custody until the closing time of the quotation/bids. Where, however, a quotation is received open, it shall be sealed. If it is received without a quotation/bid number on the envelope, it shall be opened, the quotation number ascertained, the envelope sealed and the quotation number written on the envelope.
- 5.4. A specific box is provided for the receipt of quotations, and no quotation found in any other box or elsewhere subsequent to the closing date and time of quotation will be considered.

- 5.5. No quotation/bid sent through the post will be considered if it is received after the closing date and time stipulated in the quotation documentation, and proof of posting will not be accepted as proof of delivery.
- 5.6. Quotation documents must not be included in packages containing samples. Such quotations may be rejected as being invalid.

6. SAMPLES

- 6.1. In the case of the quote document stipulating that samples are required, the supplier will be informed in due course when samples should be provided to the institution. (This decreases the time of safety and storage risk that may be incurred by the respective institution). The bidders sample will be retained if such bidder wins the contract.
 - (i) If a company/s who has not won the quote requires their samples, they must advise the institution in writing of such.
 - (ii) If samples are not collected within three months of close of quote the institution reserves the right to dispose of them at their discretion.
- 6.2. Samples must be made available when requested in writing or if stipulated on the document.
 - (i) If a Bidder fails to provide a sample of their product on offer for scrutiny against the set specification when requested, their offer will be rejected. All testing will be for the account of the bidder.

7. COMPULSORY SITE INSPECTION / BRIEFING SESSION

- 7.1. Bidders who fail to attend the compulsory meeting will be disqualified from the evaluation process.

- (i) The institution has determined that a compulsory site meeting [redacted] take place
- (ii) Date [redacted] / [redacted] / [redacted] Time [redacted]; Place **ST ANREW'S HOSPITAL**

| | |
|--------------------|---|
| Institution Stamp: | Institution Site Inspection / briefing session Official |
| | Full Name: |
| | Signature: |
| | Date: |

8. STATEMENT OF SUPPLIES AND SERVICES

- 8.1. The contractor shall, when requested to do so, furnish particulars of supplies delivered or services executed. If he/she fails to do so, the Department may, without prejudice to any other rights which it may have, institute inquiries at the expense of the contractor to obtain the required particulars.

9. SUBMISSION AND COMPLETION OF SBD 6.1

- 9.1. Should a bidder wish to qualify for preference points they must complete a SBD 6.1 document. Failure by a bidder to provide all relevant information required, will result in such a bidder not being considered for preference point's allocation. The preferences applicable on the closing date will be utilized. Any changes after the closing date will not be considered for that particular quote.

10. TAX COMPLIANCE REQUIREMENTS

- 10.1. In the event that the tax compliance status has failed on CSD, *it is the suppliers' responsibility to provide a SARS pin in order for the institution to validate the tax compliance status of the supplier.*
- 10.2. In the event that the institution cannot validate the suppliers' tax clearance on SARS as well as the Central Suppliers Database, *the quote will not be considered and passed over as non-compliant according to National Treasury Instruction Note 4 (a) 2016/17.*

11. TAX INVOICE

- 11.1. A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:

- (i) the name, address and registration number of the supplier;
- (ii) the name and address of the recipient;
- (iii) an individual serialized number and the date upon which the tax invoice is issued;
- (iv) a description and quantity or volume of the goods or services supplied;
- (v) the official department order number issued to the supplier;
- (vi) the value of the supply, the amount of tax charged;
- (vii) the words tax invoice in a prominent place.

12. PATENT RIGHTS

The supplier shall indemnify the KZN Department of Health (hereafter known as the purchaser) against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

13. PENALTIES

- 13.1. If at any time during the contract period, the service provider is unable to perform in a timely manner, the service provider must notify the institution in writing/email of the cause of and the duration of the delay. Upon receipt of the notification, the institution should evaluate the circumstances and, if deemed necessary, the institution may extend the service provider's time for performance.
- 13.2. In the event of delayed performance that extends beyond the delivery period, the institution is entitled to purchase commodities of a similar quantity and quality as a substitution for the outstanding commodities, without terminating the contract, as well as return commodities delivered at a later stage at the service provider's expense.
- 13.3. Alternatively, the institution may elect to terminate the contract and procure the necessary commodities in order to complete the contract. In the event that the contract is terminated the institution may claim damages from the service provider in the form of a penalty. The service provider's performance should be captured on the service provider database in order to determine whether or not the service provider should be awarded any contracts in the future.
- 13.4. If the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance.

14. TERMINATION FOR DEFAULT

- 14.1. The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - (i) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract,
 - (ii) if the supplier fails to perform any other obligation(s) under the contract; or
 - (iii) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 14.2. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services.
- 14.3. Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

15. FAILURE TO COMPLY WITH ABOVE WILL RESULT IN YOUR QUOTE BEING PASSED OVER.

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all quotes invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all quotes:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and

1.2 The value of this quote is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable.

1.3 Points for this quote shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this quote is allocated as follows:

| | POINTS |
|---|--------|
| PRICE | 80 |
| B-BBEE STATUS LEVEL OF CONTRIBUTOR | 20 |
| Total points for Price and B-BBEE must not exceed | 100 |

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the quote, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a quote is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) "B-BBEE" means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) "B-BBEE status level of contributor" means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) "bid" means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) "Broad-Based Black Economic Empowerment Act" means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) "EME" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) "functionality" means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) "prices" includes all applicable taxes less all unconditional discounts;
- (h) "proof of B-BBEE status level of contributor" means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) "QSE" means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) "rand value" means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \text{ Where}$$

- P_s = Points scored for price of bid under consideration
- P_t = Price of bid under consideration
- P_{min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

| B-BBEE Status Level of Contributor | Number of points (80/20 system) |
|------------------------------------|---------------------------------|
| 1 | 20 |
| 2 | 18 |
| 3 | 14 |
| 4 | 12 |
| 5 | 8 |
| 6 | 6 |
| 7 | 4 |
| 8 | 2 |
| Non-compliant contributor | 0 |

5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: =(maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

(Tick applicable box)

7.1 Will any portion of the contract be sub-contracted?

| | | | |
|-----|--------------------------|----|--------------------------|
| YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....

8. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

iv) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

| | | | |
|-----|--------------------------|----|--------------------------|
| YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

| Designated Group: An EME or QSE which is at least 51% owned by: | EME √ | QSE √ |
|---|--------------------------|--------------------------|
| Black people | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people who are youth | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people who are women | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people with disabilities | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people living in rural or underdeveloped areas or townships | <input type="checkbox"/> | <input type="checkbox"/> |
| Cooperative owned by black people | <input type="checkbox"/> | <input type="checkbox"/> |
| Black people who are military veterans | <input type="checkbox"/> | <input type="checkbox"/> |
| OR | | |
| Any EME | <input type="checkbox"/> | <input type="checkbox"/> |
| Any QSE | <input type="checkbox"/> | <input type="checkbox"/> |

9. DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm:.....

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]

- Partnership/Joint Venture / Consortium
- One person business/sole propriety
- Close corporation
- Company (Pty) Limited

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

9.6 COMPANY CLASSIFICATION [TICK APPLICABLE BOX]

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

9.7 Total number of years the company/firm has been in business:.....

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we 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 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding 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 bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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.

| |
|-----------|
| WITNESSES |
| 1. |
| 2. |

| |
|----------------------------|
| |
| SIGNATURE(S) OF BIDDERS(S) |
| DATE: |
| ADDRESS..... |
| |
| |

Quote Number: _____

Item Description: SERVICE TO GENERATOR

Department/Section: MAINTENANCE Purpose of Item: YEARLY SERVICE

1. Pre-qualification criteria if any:

1.1. Is the item required to have a regulatory body certification (e.g. SABS, SANS, SANAS, ISO, CIDB, etc.)? Yes / No:

Regulatory Body / certification required if Yes: CIDB

1.2. Is a compulsory site inspection / briefing session required? Yes / No

if Yes, specify: Date 15/05/2020 Time 11H:00 Place SAH

1.3. Is local production and content part of the quote? Yes No

if Yes, specify: _____

1.4. Provisions of section 4(1)(a) of the PPPFA Regulations, 2017 if applicable? Yes / No

if Yes, specify: _____

1.5. Liability Cover insurance? Yes No

if Yes, specify: _____

2. What is the specification of the required item?

| List specifications to be advertised | Comment |
|--------------------------------------|------------------------------|
| 1. | |
| 2. | |
| 3. | <u>SEE ATTACHED DOCUMENT</u> |
| 4. | |
| 5. | |

3. Does a sample need to be submitted? Yes No (select option 3.1 or 3.2)

3.1. Deadline for submission if Yes: Date ___/___/___ Time ___:___ Place _____

or

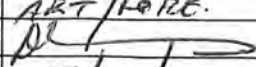
3.2. Specify that samples must be made available when requested in writing. Yes or No

4. Penalties to be noted by the suppliers:

4.1. If the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, **deduct from the contract price**, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance.

5. What is the evaluation criteria / special terms and conditions to be advertised?

| List evaluation criteria / special terms and conditions to be advertised (if applicable) | |
|--|--|
| 1. Pre-qualification criteria | Does the offer meet the pre-qualification criteria? |
| 2. Administrative | Does the offer comply to stipulated administrative requirements? |
| 3. Conformance: | Was the product made or service performed to specifications? |
| 4. Performance: | Will/does the product/service fulfil its performance obligation, in a manner that releases the supplier from all liabilities under the contract? |
| 5. Features: | What characteristics does the product or service have? |
| 6. Reliability: | How long can a product go between failures and the need for maintenance? (guarantee) |
| 7. Durability: | What is the useful life for the product? How will the product hold up under extended use? |
| 8. Serviceability: | How easy is it to repair, maintain or support the product or service? (customer support) |
| 9. Ability & Capacity | The ability and capacity of the vendor to execute the contract |
| 10. Preference points | Preferential Procurement System (80/20) if applicable |

| | | | |
|------------------------------|---|------------------------------|--|
| Name of End-user (in full) | <u>D. Rossouw</u> | Name of SCM Rep (in full) | |
| Designation / Rank (in full) | <u>ART / CORE.</u> | Designation / Rank (in full) | |
| Signature |  | Signature | |
| Date | <u>15/04/2020</u> | Date | |

EQUIPMENT DATA

DIESEL ENGINE

| | |
|--------------|------------|
| MANUFACTURER | VOLVO |
| TYPE | TAD1641GE |
| ENGINE # | 2016089990 |

ALTERNATOR

| | |
|--------------|----------------|
| MANUFACTURER | MARELLI |
| MACHINE ID # | MC18158 |
| TYPE | MJB355SA4-B2 |
| CODE | MJB3502L.014MO |
| SPEED | 1500 RPM |
| POWER FACTOR | 0.8 |
| RATING | 510 KVA |
| VOLTAGE | 380 / 415 |

BATTERY

| | |
|----------------|-------------|
| MANUFACTURER | DELTEC 1250 |
| CAPACITY | 102 AMP/HR |
| SYSTEM VOLTAGE | 12 VOLT |

FUEL TANK

| | |
|---------------|--------------------------------|
| TANK CAPACITY | 1134 L & 9000 L BULK TANK |
| CONSUMPTION | 100.3 LTR PER HOUR @ FULL LOAD |

GOVERNOR

| | |
|--------------|------------|
| MANUFACTURER | VOLVO |
| TYPE | ELECTRONIC |

COOLING SYSTEM

| | |
|--------------|-------|
| MANUFACTURER | VOLVO |
|--------------|-------|

ENGINE PROTECTION

| | |
|---------------------------|------|
| LOW FUEL ALARM | ACDC |
| ENGINE TEMPERATURE SENSOR | VDO |
| ENGINE TEMPERATURE GAUGE | VDO |
| OIL PRESSURE SENSOR | VDO |
| OIL PRESSURE SENSOR GAUGE | VDO |

FILTERS

| | |
|-------------|--------------------------|
| VOP21707133 | OIL FILTER (x2 required) |
| VOP21707132 | BY PASS FILTER |
| VOP20976003 | FUEL FILTER |
| VOP20998637 | FUEL FILTER |
| VOP21702911 | AIR FILTER INSERT |
| VOP21192875 | COOLANT FILTER |

CONTROL PANEL

| | |
|----------------------|------------------------------------|
| MANUFACTURER TYPE | P&S POWER PRODUCTS DEEPSEA 7320 |
|----------------------|------------------------------------|

SERVICE DETAILS

**OIL & FILTER CHANGE
EVERY 250 HOURS**

OIL TYPE – 15W40

Technical Data

Engines

| Engine designation | TAD1640GE | TAD1641GE | TAD1642GE | TWD1643GE |
|---|-------------------------------|---------------|---------------|---------------|
| Power, Prime/Stand-by | Refer to the sales literature | | | |
| Torque, Prime/Stand-by | Refer to the sales literature | | | |
| No. of cylinders | 6 | 6 | 6 | 6 |
| Bore, mm (inch) | 144 (5.67) | 144 (5.67) | 144 (5.67) | 144 (5.67) |
| Stroke, mm (inch) | 165 (6.50) | 165 (6.50) | 165 (6.50) | 165 (6.50) |
| Cylinder volume, liter (inch ³) | 16,12 (983.9) | 16,12 (983.9) | 16,12 (983.9) | 16,12 (983.9) |
| Weight dry, kg (lbs) | 1440 (3175) | 1440 (3175) | 1480 (3263) | 1700 (3748) |
| Weight wet, kg (lbs) | 1510 (3329) | 1510 (3329) | 1550 (3417) | 1770 (3902) |
| Firing order | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 |
| Compression ratio | 17,5:1 | 16,5:1 | 16,5:1 | 16,5:1 |
| Low idle, rpm | 900 | 900 | 900 | 900 |
| High idle, rpm | 1500/1800 | 1500/1800 | 1500/1800 | 1500/1800 |

| Engine designation | TAD1641VE | TAD1642VE TAD1643VE | TAD1650VE |
|---|-------------------------------|------------------------|---------------|
| Power, Prime/Stand-by | Refer to the sales literature | | |
| Torque, Prime/Stand-by | Refer to the sales literature | | |
| No. of cylinders | 6 | 6 | 6 |
| Bore, mm (inch) | 144 (5.67) | 144 (5.67) | 144 (5.67) |
| Stroke, mm (inch) | 165 (6.50) | 165 (6.50) | 165 (6.50) |
| Cylinder volume, liter (inch ³) | 16,12 (983.9) | 16,12 (983.9) | 16,12 (983.9) |
| Weight dry, kg (lbs) | 1480 (3263) | 1480 (3263) | 1425 (3142) |
| Weight wet, kg (lbs) | 1550 (3417) | 1550 (3417) | 1495 (3296) |
| Firing order | 1-5-3-6-2-4 | 1-5-3-6-2-4 | 1-5-3-6-2-4 |
| Compression ratio | 17,5:1 | 17,5:1 | 18,0:1 |
| Low idle, rpm | 600 | 600 | 700 |
| High idle, rpm | 1800 | 1800 | 1800-2000 |

Lubrication System

| | |
|--|-------------------------|
| Oil | |
| Change volume, including filter change | 48 liter (12.68 US gal) |
| TAD1650VE | 53 liter (14 US gal) |
| Oil pressure, hot engine | |
| at operating speed | 300-650 kPa (44–94 psi) |
| TAD1650VE | 400–650 kPa (58–94 psi) |
| Oil filter | |
| Full flow filter | 2 |
| By-pass filter | 1 |
| Lube oil pump | |
| Type | Gear driven |

Oil recommendations

| Oil grade | Sulfur content in fuel, by weight | | |
|---|--|--------------------|-------------------------------|
| | up to 0,5 % | 0,5 – 1,0 % | more than 1,0 % ¹⁾ |
| | Oil change interval: Reached first in operation: | | |
| VDS-3 VDS-2 and ACEA: E7 ²⁾ VDS-2 and ACEA: E5 ²⁾ VDS-2 and Global DHD-1 ²⁾ VDS-2 and API: CI-4 ²⁾ VDS-2 and API: CH-4 ²⁾ | 600 hrs / 12 month | 300 hrs / 12 month | 150 hrs / 12 month |
| VDS and ACEA: E3 ²⁾ | 400 hrs / 12 month | 200 hrs / 12 month | 100 hrs / 12 month |
| ACEA: E7, E5, E4 API: CI-4, CH-4, CG-4 | 200hrs / 12 month | 100 hrs / 12 month | 50 hrs / 12 month |

NOTICE! Mineral based oil, as well as fully or semi-synthetic, can be used on condition that it complies with the quality requirements above.

1) If sulfur content is > 1.0 % by weight, use oil with TBN > 15.

2) Lubrication oil must comply with both requirements. Note API: CG-4 or CH-4 can be approved in markets outside Europe (instead of ACEA E3), ACEA E3).

VDS = Volvo Drain Specification

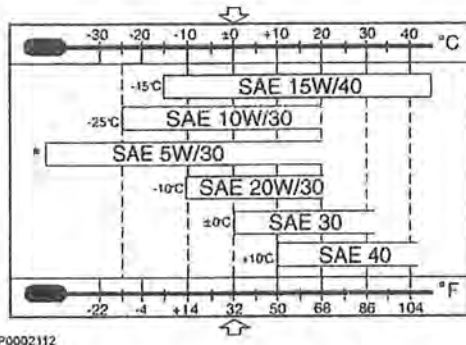
ACEA = Association des Constructeurs Européenne d'Automobiles

API = American Petroleum Institute Global

DHD = Global Diesel Heavy Duty

TBN = Total Base Number

Viscosity



Select the viscosity according to the table.

The temperature values refer to stable ambient temperatures.

* SAE 5W/30 refers to synthetic or semi-synthetic oils.

Fuel System

| | |
|----------------------------|-------------------------|
| Feed pump | |
| Feed pressure at 600 rpm | min 100 kPa (14.5 psi) |
| Feed pressure at 1200 rpm | min 300 kPa (43,5 psi) |
| Feed pressure at full load | min 300 kPa (43,5 psi) |
| Bypass valve | |
| Opening pressure | 400-550 kPa (58-80 psi) |

Fuel specification

The fuel must comply with national and international standards for commercially supplied fuels, such as:
 EN 590 (with nationally adapted environmental and cold weather requirements)
 ASTM D 975 No 1-D och 2-D
 JIS KK 2204

Sulfur content: Complying with legal requirements in each country. If the sulfur content exceeds 0.5 weight-percent, the oil change intervals shall be changed, refer to *Technical Data page 74*.

Extremely low sulfur content fuel (urban diesel in Sweden and city diesel in Finland) can cause a loss of up to 5 % of power and an increase in fuel consumption of about 2-3 %.

Biodiesel

Biodiesel is also known as Fatty Acid Methyl Esters (FAME).

Volvo Penta accepts max 5% FAME in diesel fuel, in accordance with EN590, to be used without any restraint in service recommendations.

Volvo Penta accepts extended FAME use up to 30% blend in diesel fuel for engines produced after Jan 1-2009, under specific conditions and with certain limitations. Specific service requirements are applied for fuel blends with more than 5% FAME.

Engines that are manufactured by Volvo Penta are certified for the use of market diesel fuel according to EN 590. Emission requirements according to EU Stage 3A will only be met with the prescribed EN 590 diesel fuel. At the date of this document En 590 diesel fuel may contain up to 5% FAME.

Conditions

Volvo Penta engines of above are able to run with fuel blends containing up to 30% FAME under specific conditions:

- Oil quality VDS-3 or VDS-4 must be used.
- FAME must comply with EN 14214⁽¹⁾.
- Diesel fuel in which FAME is mixed must comply with EN 590⁽²⁾.
- Specific service requirements must be fulfilled. See Service Bulletin 18-8-8, contact your Volvo Penta service dealer.

The fuel must comply with nationally laws and regional/local provisions regarding the use of FAME. The engine operator has the responsibility of using the fuel that is recommended by the manufacturer and allowed by the national legislation.

Normal rapeseed oil and other pure vegetable and animal oils do not meet EN 14214 and may not be used as fuel or as fuel additives. These products are not approved by Volvo Penta and warranties do not apply in the event of engine damage.

Performance

The energy value of FAME is lower than for standard diesel fuel. The use of 30% FAME can result in an increase in fuel consumption with up to 5% and decrease maximum power performance by up to 4%. The engine fuel consumption data is only valid for diesel and will give incorrect readings if FAME blends are used.

Predictive maintenance on oil drain is not applicable. The exhaust fumes might smell different and visible smoke might be seen during starting when using FAME.

- 1) European standard that describes the quality requirements and test methods for FAME.
- 2) European standard that describes the quality requirements and test methods for Diesel.

Cooling System

| | |
|--|----------------------------|
| Type | Pressurized, sealed |
| Pressure cap, max. opening pressure | 75 kPa (10.88 PSI) |
| Coolant quantity (engine): | |
| TAD1640-42GE, TAD1641-43VE, TWD1643GE | 33 liter (8.72 US gallon) |
| Coolant quantity (engine, radiator and hoses): | |
| TAD1640-42GE, TAD1641-43VE | 60 liter (15.85 US gallon) |
| TWD1643GE | 95 liter (25.1 US gallon) |
| Thermostat, quantity | 1 pc. |
| Thermostat, opening temperature: | |
| TAD1640-42GE, TAD1641-43VE | 86 °C (186.8 °F) |
| TAD1650VE, TWD1643GE | 82 °C (179.6 °F) |

Water Quality

ASTM D4985:

| | |
|---|-----------------------------|
| Total solid particles | <340 ppm |
| Total hardness | <9.5° dH |
| Chloride | <40 ppm |
| Sulfate | <100 ppm |
| pH value | 5.5-9 |
| Silica (acc. ASTM D859) | <20 mg SiO ₂ /l |
| Iron (acc. ASTM D1068) | <0.10 ppm |
| Manganese (acc. ASTM D858) | <0.05 ppm |
| Conductivity (acc. ASTM D1125) | <500 μS/cm |
| Organic content, COD _{Mn} (acc. ISO8467) | <15 mg KMnO ₄ /l |



P0002094

Electrical System

| | |
|---|---|
| System voltage | 24V |
| Alternator | |
| voltage/max. current | 28V/80A |
| power app. | 2200W |
| Alternative generating equipment (optional) | |
| voltage/max. current | 28V/110A |
| power app. | 2800W |
| Battery capacity | 2 pcs. series connected 12 V, max. 225 Ah |
| Battery electrolyte density at +25°C ° | |
| fully charged battery | 1,28 g/cm ³ (1,24 g/cm ³)* |
| recharge battery at | 1,20 g/cm ³ (1,20 g/cm ³)* |

* Note. Applies to batteries with tropical acid.

TEST REPORT EXAMPLE

**St Andrews District Hospital
DIESEL GENERATOR SET**

Date 2020/04/01 **Time** 12.30 - 13.00

Physical Check

| | | |
|-------------------------------|----------|----------|
| Diesel fuel level | Day tank | Full |
| Engine oil level | | Full |
| Coolant level | | Min |
| Jacket water heater operation | | On |
| Controller on | | "Auto" |
| Bypass on | | "Normal" |
| Diesel pump control on | | "Auto" |
| Diesel pump motor valve | | Open |
| Diesel hand pump valve | | Closed |
| Diesel pump isolator | | "On" |
| Diesel fuel main tank level | | Quarter |

Pre-run readings

| | | | |
|---------------------|-----------|--------|-------|
| Running hours | 18h 55min | | |
| Coolant temperature | <95°F | | |
| Number of starts | 75 | | |
| Battery voltage | 27.6V | | |
| Generator Amps | L1-52A | L2-25A | L3-5A |
| kWh | 285.9kWh | | |
| kVAh | 291.5kVAh | | |
| kVArh | 20.6kVArh | | |
| Mains voltages | 235V | 239V | 239V |
| | 411V | 414V | 412V |
| Frequency | 49.9Hz | | |

Running readings

| | | |
|----------------------------|-------------|-----------------|
| Engine speed | 1497 R.P.M. | 49.9Hz |
| Oil pressure | 7.5 Bar | 109 PSI 751 kPa |
| Oil pressure after 20 mins | 5.6 Bar | 81 PSI 565 kPa |
| Closing running hours | 19h 26min | |
| Coolant temperature | 186°F | |

Comments

Change over time at start 3sec
 Change over time at run down 2min
 Event log date and time reset as controller was showing incorrect date & time.
 Services in facility checked for operation and found in order.

CONTRACTORS STAFF AND SUPPLIERS INFORMATION FORM

Supplier information

| <u>Company name</u> | <u>Contact person</u> | <u>Telephone No.</u> | <u>Supplier of</u> |
|---------------------|-----------------------|----------------------|--------------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Sup contractor information

| <u>Company name</u> | <u>Contact person</u> | <u>Telephone No.</u> | <u>Sub contract for</u> | <u>Name of responsible person on site</u> |
|---------------------|-----------------------|----------------------|-------------------------|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Contractor staff information as per registration with Department of Labour

| <u>Name</u> | <u>ID Number</u> | <u>Salary number</u> | <u>Rank</u> | <u>Qualification</u> |
|-------------|------------------|----------------------|-------------|----------------------|
| | | | | |
| | | | | |
| | | | | |
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