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AdvertQuote

KWAZULU-NATAL PROVIN HEALTH REPUBLIC OF SOUTH AFRICA	Quotation Advert
Opening Date:	2022-11-28
Closing Date:	2022-12-09
Closing Time:	11:00
INSTITUTION DETAILS	
Institution Name:	G.J. Crookes hospital
Province:	KwaZulu-Natal
Department or Entity:	Department of Health
Division or section:	Central Supply Chain Management
Place where goods / services is required	PARK RYNIE MOBILE
Date Submitted	2022-11-25
ITEM CATEGORY AND DETAILS	
Quotation Number:	ZNQ: GJC677/22/23
Item Category:	Goods
Item Description:	SUPPLY & INSTALL TS15 SECURITY GUARD HOUSE GABLE ROOF HUT WITH EXTENSION VERANDA, ALSO SHED FOR TOILET ROOM
Quantity (if supplies)	
COMPULSORY BRIEFING SESSION $\ell$	SITE VISIT
Select Type:	Compulsory Briefing Session
Date :	2022-12-05
Time:	11:00
Venue:	PARK RYNIE MOBILE CLINIC
QUOTES CAN BE COLLECTED FROM:	KZN HEALTH TENDER WEBSITE
QUOTES SHOULD BE DELIVERED TO:	GJ CROOKES HOSPITAL, NO.1 HOSPITAL RD., SCOTTBURGH, 4180. TENDER BOX
ENQUIRIES REGARDING THE ADVER	T MAY BE DIRECTED TO:
Name:	T.F DLAMINI
Email:	
Contact Number:	039-9787158
Finance Manager Name:	Ms SZG NGUSE / PSK ZAMA
Finance Manager Signature:	130

No late quotes will be considered

### STANDARD QUOTE DOCUMENTATION OVER R30 000.00

STANDARD GOOD DOCUMENTATION OVER 150 000.00
YOU ARE HEREBY INVITED TO QUOTE FOR REQUIREMENTS AT: GJ CROOKES HOSPITAL
DATE ADVERTISED: 28/11/2022 CLOSING DATE: 09/12/2022 CLOSING TIME: 11:00
FACSIMILE NUMBER: E-MAIL ADDRESS:
PHYSICAL ADDRESS: NO.1 HOSPITAL ROAD. SCOTTBURGH, 4180
QUOTE NUMBER: ZNQ / GJC / 677 / 22 - 23
DESCRIPTION: SUPPLY & INSTALL TS15 SECURITY GUARD GABLE ROOF HUT WITH EXTENSION VERANDA
CONTRACT PERIOD. ONCE OFF VALIDITY PERIOD 60 Days SARS PIN
CENTRAL SUPPLIER DATABASE REGISTRATION (CSD) NO.
UNIQUE REGISTRATION REFERENCE
DEPOSITED IN THE QUOTE BOX SITUATED AT (STREET ADDRESS)
GJ CROOKES HOSPITAL, NO.1 HOSPITAL ROAD, SCOTTBURGH, 4180.
TENDER BOX NEXT TO RECEPTION
TENSEN BOANEAT TO NECEL TION
Bidders should ensure that quotes are delivered timeously to the correct address. If the quote is late, it will not be accepted for consideration.
The quote box is open from 08:00 to 15:30.
QUOTATIONS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RETYPED)
THIS QUOTE IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
THE FOLLOWING PARTICULARS MUST BE FURNISHED  (FAILURE TO DO SO MAY RESULT IN YOUR QUOTE BEING DISQUALIFIED)
NAME OF BIDDER
POSTAL ADDRESS
STREET ADDRESS
TELEPHONE NUMBER CODENUMBER FACSIMILE NUMBER CODENUMBER
CELLPHONE NUMBER
E-MAIL ADDRESS
VAT REGISTRATION NUMBER (If VAT vendor)
HAS A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE BEEN SUBMITTED? (SBD 6.1)  [A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT (FOR EMES& QSEs) MUST BE SUBMITTED TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

OFFICIAL F	PRICE PAGE	FOR QUOTATIONS OVER R30 000	QUOTE NUMBER: Z	NÖ\ GJC	/ 677	/ 22 -	23	-
DESCRIPTI	ON:PPI	LY & INSTALL TS15 SECURITY GUARD GABLE ROC	OF HUT WITH EXTEN	ISION VERA	NDA			
SIGNATURE OF BIDDER								
CAPACITY	UNDER WH	ICH THIS QUOTE IS SIGNED			•••••			••••
Item No	Quantity	Description	Brand &	Country of manufactu		Price		
			model	manufactu	re	R		С
				The state of the s				

Item No	Quantity	Description	Brand &	Country of	Price	
			model	manufacture	R	С
		SUPPLY & INSTALL TS15 SECURITY GUARD				
		GABLE ROOF HUT (2,400mX2,400m WITH 1,2mX2,4m				
		EXTENSION VERANDA ALSO 1,2mX2,4 SHED FOR				
		TOILET ROOM) AT PARK RYNIE MOBILE CLINIC				
		AS PER ATTACHED SCOPE OF WORK.				$\perp$
						$\pm$
		::NB:: KINDLY BRING THE PRINTED DOCUMENT			-	+
		TO THE SITE INSPECTION				-
		::NB:: DUE TO NETWORK ERROR , DOCUMENTS				
	-	WILL ONLY BE HAND DELIVERED				$\perp$
	-					$\bot$
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	-					
						$\bot$
	-					+
	-	·				+
						+-
						_
						+-
///	DED TAV @	 15% (Only if VAT Vendor)				+
		RICE (VALIDITY PERIOD 60 Days)				$\perp$

Does This Offer Comply With The Specification?	Does	The Spec	Article cification?		То	The	S.A.N.S.	/	S.A.B.S.	
Is The Price Firm?	State	Deliver	y Period,	, e.g., 1day	, 1we	ek				

Enquiries regarding the quote may be directed to:	Enquiries regarding technical information may be directed to:
Contact Person: Mr.T.F Dlamini Tel: (039) 978 7158  E-Mail Address: Sifiso.Ncwane@kznhealth.gov.za	Contact Person: Mr. M.S Hlophe Tel: (039) 978 7066

### **BIDDER'S DISCLOSURE**

### PURPOSE OF THE FORM

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 and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are 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. BIDDER'S DECLARATION

- 2.1. Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state?
- 2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State Institution
	Tabling Hallison	Name of State Institution

- 2.2. Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution?
- 2.2.1. If so, furnish particulars:
- 2.3. 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
- 2.3.1. If so, furnish particulars: ....

#### 3. DECLARATION

- 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 not to be true and complete in every respect;
- 3.3. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 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 No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

Name of Bidder	Signature	Position	Date
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<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

### 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 Department is under no obligation to accept the lowest or any quote.
- 3.2. The Department reserves the right to communicate in writing with vendors in cases where information is incomplete or where there are obscurities regarding technical aspects of the offer, to obtain confirmation of prices or preference claims in cases where it is evident that a typing, written, transfer or unit error has been made, to investigate the vendor's standing and ability to complete the supply/service satisfactorily.
- 3.3. ALL DECISIONS TAKEN BY THE DEPARTMENT ARE FINAL, INCLUDING THE AWARD OR CANCELLATION OF THIS QUOTATION.
- 3.4. The price quoted must include VAT (if VAT vendor).
- 3.5. Should a bidder become a VAT vendor after award or during the implementation of a contract, they may not request the VAT percentage from the Department as the service provider made an offer during the period they were not registered as a VAT vendor. The Department is only liable for any VAT from registered VAT vendors as originally stated on the quotation document.
- 3.6. The bidder must ensure the correctness & validity of the quotation:
  - (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
  - (ii) it is the responsibility of the bidder to confirm receipt of their quotation and to keep proof thereof.
- 3.7. 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.
- 3.8. This quotation will be evaluated based on the 80/20 points system, specification, correctness of information and/or functionality criteria. All required documentation must be completed in full and submitted.
- 3.9. Offers must comply strictly with the specification.
- 3.10. Only offers that meet or are greater than the specification will be considered.
- 3.11. Late offers will not be considered.
- 3.12. Expired product/s will not be accepted. All products supplied must be valid for a minimum period of six months.
- 3.13. Used/ second-hand products will not be accepted.
- 3.14. A bidder not registered on the Central Suppliers Database or whose verification has failed will not be considered.
- 3.15. All delivery costs must be included in the quoted price for delivery at the prescribed destination.
- 3.16. 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.
- 3.17. In cases where different delivery points influence the pricing, a separate pricing schedule must be submitted for each delivery point.
- 3.18. In the event of a bidder having multiple quotes, only the cheapest according to specification will be considered.
- 3.19. Verification will be conducted to identify if bidders have multiple companies and are cover-quoting for this bid.
- 3.20. In such instances, the Department reserves the right to immediately disqualify such bidders as cover-quoting is an offence that represents both corruption and acquisition fraud.

## 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. Quotations submitted must be complete in all respects. However, where it is identified that information in a bidder's response, which does not affect the preference points or price, is incomplete in any respect, the said supplier meets all specification requirements and scores the highest points in terms of preference points and price, the Department reserves the right to request the bidder to complete/submit such information.
- 4.5. Any alteration made by the bidder must be initialled; failure to do so may render the response invalid.
- 4.6. Use of correcting fluid is prohibited and may render the response invalid.
- 4.7. Quotations 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.

4.10. The Department is under no obligation to pay suppliers in part for work done if the supplier can no longer for fulfil their obligation.

## SPECIAL INSTRUCTIONS REGARDING HAND DELIVERED QUOTATIONS

- Quotation shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the 5.1. directives in the quotation documents.
- Each quotation shall be addressed in accordance with the directives in the quotation documents and shall be lodged in a separate 5.2. 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.
- All quotations received in sealed envelopes with the relevant quotation numbers on the envelopes are kept unopened in safe custody 5.3. 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.
- A specific box is provided for the receipt of quotations, and no quotation found in any other box or elsewhere subsequent to the closing 5.4. date and time of quotation will be considered.
- No quotation/bid sent through the post will be considered if it is received after the closing date and time stipulated in the quotation 5.5. 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.

#### SAMPLES 6.

- In the case of the quote document stipulating that samples are required, the supplier will be informed in due course when samples 6.1. 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.
- If a company/s who has not won the quote requires their samples, they must advise the institution in writing of such.
- If samples are not collected within three months of close of quote the institution reserves the right to dispose of them at their discretion. (ii)
- Samples must be made available when requested in writing or if stipulated on the document. 6.2.
- 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 (i) rejected. All testing will be for the account of the bidder.

7.	COMPULSORY SITE INSPECTION / BRIEFING SESSION				
7.1.	<ol> <li>Bidders who fail to attend the compulsory meeting will be disqualified from the evaluation process.</li> </ol>				
(i) (ii)	The institution has determined that a compulsory site meeting  Date 05 / 12 / 2022 Time 11 : 00 Place PARK RY	WILL take place  /NIE MOBILE CLINIC			
Instit	tution Stamp:	Institution Site Inspection / briefing session Official			
		Full Name:			
		Signature:			
		Date:			

### STATEMENT OF SUPPLIES AND SERVICES

The contractor shall, when requested to do so, furnish particulars of supplies delivered or services executed. If he/she fails to do so, the 8.1. 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.

## SUBMISSION AND COMPLETION OF SBD 6.1

Should a bidder wish to qualify for preference points they must complete a SBD 6.1 document. Failure by a bidder to provide all 9.1. 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

- 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.
- 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. THE DEPARTMENT RESERVES THE RIGHT TO PASS OVER ANY QUOTATION WHICH FAILS TO COMPLY WITH THE ABOVE.

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

- 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:
  - 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:

$$Ps = 80 \left( 1 - \frac{Pt - P\min}{P\min} \right)$$
Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration Pmin = 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
J.	DID DECEMBATION

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	
	applicable box)	

(Tick

10

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

Designated Group: An EME or OSE which is at least 51% owned by:

Designated Group: An EME or OSE which is at least 51% owned by:

OSE

Designated Group: An EME or QSE which is at last 51% owned by:	EME	QSE
Black people	V	V
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR	•	
Any EME		
Any QSE		

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	DESCF	RIBE PRINCIPAL BUSINESS ACTIVITIES	
9.6	COMP	ANY CLASSIFICATION [TICK APPLICABLE BO	X]
		Manufacturer Supplier Professional service provider Other service providers, e.g. transporter, etc.	
9.7	Total n	umber of years the company/firm has been in bu	siness:
9.8	the B-E	e undersigned, who is / are duly authorised to d BBE status level of contributor indicated in parag ference(s) shown and I / we acknowledge that:	o so on behalf of the company/firm, certify that the points claimed, based on raphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for
	i) Th	ne information furnished is true and correct;	
	ii) Th	ne 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 contract be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;		ult of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may tisfaction 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 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 incurre	ed or suffered as a result of that person's conduct;
	(c)	cancel the contract and claim any damages warrangements due to such cancellation;	hich it has suffered as a result of having to make less favourable
(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			by the National Treasury from obtaining business from any organ
(e) forward the matter for criminal prosecution.			
		ESSES	SIGNATURE(S) OF BIDDERS(S)
	1		DATE:
	2	3.0.00	ADDRESS



Institution name:	
Institution name:	

### COMPLAINTS PROCESS FOR QUOTATIONS R2 000.00 TO R500 000.00 INCLUDING V.A.T

### 1. Supplier Submits Written Complaint / Objection

- > Bidders aggrieved by decisions or actions taken by the Department or Institution during the SCM procurement process, must lodge a written complaint **immediately**.
- > Complaints lodged two (2) or more days after the award will not be entertained.
- Complaints must be directed to the Responsibility Manager of the institution (Hospital or CHC) and District Finance Manager for District Offices.
- > It must be noted that this is not an appeals process and as such will not halt the procurement process.

### 2. Institution Prepares Written Response to Complaint

- > The Responsibility Manager, or his appointee, must prepare a response letter to the complainant.
- > The complaint must be resolved within **60 days**.

Co

- Should the complainant not be satisfied with the response, the matter will be referred to the District Finance Manager (applicable to all Hospitals and CHC) or District Manager (Applicable to all District Offices) for a final verdict.
- > Should the complainant still not be satisfied with the response received, they may then seek legal recourse at their own expense.

mplaints or objections should be directed to:		
Responsibility Manager:		
Email Address:		

Enquires:	Reference: ZNQ:	Date:	
MINUTES OF SI	TE MEETING HELD ON:		

<u>Date:</u> Venue:

### 1. Matter Discussed:

- 1.1. Signing of attendance register and site inspection briefing certificate.
- 1.2. Handing out of quotation documents.
- 1.3. Completion of quotation documents.
  - 1.3.1. SBD 4
  - 1.3.2. SBD 6.1
  - 1.3.3. Form 9
  - 1.3.4. Bill of Quantities
- Submission of required information.
  - 1.4.1. Documents as per page 3 of the specification.
- 1.5. Site visit and deliberations on specifications and requirements.
- 1.6. Bidders are compelled to re-visit the site for one-on-one clarification of measurements and requirements. Post Site Inspection Briefing certificate to be signed on day of re-visit.
- 1.7. No part payments will be made and any stage of the project.
- 1.8. No payment will be made for incomplete or poor quality of work.
- 1.9. Material list page to be completed for all quotation documents. Failure to attach signed and completed document will render the quotation as not valid.
- 1.10. Past poor performance of contractors.
  - 1.10.1. Contractors that have performed poorly in the past will not be considered.
  - 1.10.2. Contractors that have not completed previous projects fully will not be considered.
  - 1.10.3. Contractors will be referred to National Treasury as a defaulter to be listed on the Database of Restricted Suppliers.

l,, from	do	
hereby		
(Print Name)	(Name of Business)	
acknowledge that I have read and understand the items	discussed as laid out above and will ensure that	
the quotation price submitted will address all the require	acknowledge that I have read and understand the items discussed as laid out above and will ensure that he quotation price submitted will address all the requirements as stipulated.	
property and the second and the require	monto do dipulated.	
Signature	Date	
- <b>V</b>	Date	

1

ZNQ: Bidders Signature: .....

	al matters during site visit:	
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ZNQ: Bidders Signature: .....



## CERTIFICATE OF BIDDERS ATTENDANCE AT COMPULSORY SITE INSPECTION BRIEFING MEETING

### PARK RYNIE MOBILE

QUOTATION NO.	DESCRIPTION	SITE INSPECTION DATE
ZNQ	Supply, Deliver and Install Security Guard Hut	
This is to certi	fy that I	
	ve of (Bidder)	
of Address:		
		-
Telephone No.		
Telefax No.:		
Attended the I	Pre-Bid Site Briefing Meeting on (date)	
And at the follo	owing venue (mark in appropriate block):	
PARK RYNIE MOBILE		
BIDDERS REPR	ESENTATIVE	
DEPARTMENT	REPRESENTATIVE	
DEPARTME	NTAL STAMP:	

ZNQ:	Bidders Signature:

3.

### **CLOSING DATE:**

CON	TRACT	ГОR:
1.	On b	behalf of the KwaZulu-Natal Department of Health, we hereby invite you to quote for the above servic
2.	Your	quotation must be submitted to the following address:
		HAND DELIVERED
	In a	sealed envelope, the front of the envelope being clearly endorsed with the Quotation Number

The quotation shall be fully detailed as follows:

- 3.1 Itemised list of additional Material/Spare parts required by the Contractor, showing costs and contracts mark-up.
- 3.2 Labour hours, rate and total travelling costs.
- 3.3 Kilometres, Rate and Total Travelling Cost (specify number of trips).
- 3.4 Subsistence: Number of Days, Rate and Total Subsistence Costs.

**ZNQ** and the service type as stated above, not later than **11h00** on

- 4. Kindly complete the attached document and return all pages as per paragraph two above, each page being initialled by the Contractor's authorized signatory.
- 5. The Contractor's attention is drawn to the following, which under no circumstances will be acceptable and will result in the automatic disqualification of the quotation.
  - 5.1 Use of correcting fluid i.e. Tippex on the quotation documents.
  - 5.2 Faxed quotations
  - 5.3 Photocopies of quotations
  - 5.4 Incomplete quotation document including Bill of Quantities.
- 6. Only the original document, duly signed and completed in its entirety will be given any consideration.
- Bidder to sign and date every page in acknowledgment that he/she has read and understood all the requirements contained in this document. Failure to do so will render your offer as nonresponsive.

### **DOCUMENTATION TO BE SUBMITTED**

No.	Document Details	Doc. Type	Submitted		
		Doc. Type	Yes	No	
1.	Tax Clearance Certificate	Original			
2.	CIDB Registration <b>GB1</b> , <b>EB</b> , <b>SO</b>	Certified Copy of Original	allicens and the color of the second and a second access and a second		
3.	Company Registration Documents (CK)	Certified Copy of Original			
4.	B-BBEE Status Verification Certificate	Certified Copy of Original	000000000000000000000000000000000000000		
5.	Fully Completed and Signed Quotation Document	Original			
6.	SBD 4 Document Declaration Of Interest (Fully completed and signed)	Original			
7.	Bill of Quantities (fully priced for each item as listed)	Original	***************************************		
8.	CSD	Certified Copy of Original			
9.	Registration with Department of Labour Letter of Good Standing.	Certified Copy of Original			

PLEASE NOTE: FAILURE TO SUBMIT ANY OF THE DOCUMENTS AS REQUIRED IN THE TABLE ABOVE WILL RESULT IN THE OFFER BEING REGARDED AS NON-RESPONSIVE.

A COVERING LETTER REFERRING TO THE
DOCUMENT WHERE A SET OF THESE DOCUMENTS
HAVE BEEN ATTACHED MUST BE ATTACHED TO
EVERY OTHER QUOTATION DOCUMENT.

'NQ:	Bidders Signature:

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### NOTES TO BIDDERS

## 1.1 GENERAL CONDITIONS AND PROCEDURES FOR PROCUREMENT

The KwaZulu-Natal Treasury's General Conditions and Procedures for Procurement (ZNT 6 – September 2002), copies of which are available from the offices of the Head: Works (as well as at <a href="http://www.kzntreasury.gov.za">http://www.kzntreasury.gov.za</a>), will apply.

### 1.2 VISIT TO SITE

Bidders are advised to visit the site before quoting in order to satisfy themselves as to the nature and full extent of the work to be done and the conditions generally affecting the execution of the contract. Claims on the grounds of lack of knowledge in such respects or otherwise will not be entertained.

### 1.3 SUPERVISION

The work shall at all times, for the duration of the contract, be carried out under the supervision of a skilled and competent representative of the contractor, who will be able and authorized to receive and carry out instructions on behalf of the contractor. A sufficient number of workers shall be employed at all times to ensure satisfactory progress of the work.

### 1.4 PROTECTING AND MAKING GOOD

The contractor shall allow for covering up and protecting, as necessary, from time to time, throughout the performance of the contract, all work liable to suffer damage and on completion clear away and make good any damage caused to the works by his negligence and shall be liable for all costs incurred in making good any such damage, to the satisfaction of the Head: Works.

The contractor shall allow for making good in all surrounding trades, which have been disturbed during alterations, repairs and renovations.

### 1.5 RECLAIMABLE MATERIAL

Reclaimable material will become the property of the contractor and who must allow for any credit in the quotation.

### 1.6 COMPLIANCE

All work must comply with the Local Authority regulations and National Building Regulations, as well as SABS specifications applicable to the work to be executed.

### 1.7 LEAVE PERFECT

The contractor shall at all times keep the site in a clean and tidy condition and on completion, remove all superfluous materials, debris, etc. and leave the premises in a thoroughly clean and perfect state, fit for occupation.

### 1.8 ARRANGEMENT WITH OCCUPANTS

The contractor shall arrange with the occupants of the buildings for access to the site/building to render the service and put the work in hand within twenty four (24) hours after being notified, telephonically or otherwise, of acceptance of the contractor's quotation.

## 1.9 PRECAUTIONS TO PROTECT

The contractor shall take all necessary precautions and steps to protect furniture and fittings in the building and on the site against damage and/or contamination.

### 1.10 INDEMNITIES

- (a) The contractor shall indemnify the Head: Works against any claims of whatever nature arising from the contractor's activities and accept responsibility for all damage caused to property and persons as a result of such activities.
- (b) The contractor shall indemnify his workers in terms of the Compensation for Occupational Injuries and Diseases Act.

ZNQ:	Bidders Signature:
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### 1.11 OCCUPATIONAL HEALTH AND SAFETY ACT NO. 85 OF 1993

By the submission of a quotation, any Tenderer will, if awarded the contract to which this quotation document relates, be deemed to be a mandatory as envisaged by Section 37(2) of the Act. As a mandatory the successful Tenderer will be deemed to be an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the project to which this quotation document relates, all work will be performed and machinery and plant used in accordance with the Act. Should the successful Tenderer, for whatever reason be unable to perform as required by the Act, the successful Tenderer undertakes to inform the Employer accordingly.

### 1.12 ESCALATION

Bidders are advised that the contract with the successful tenderer will not be subject to the Contract Price Adjustment Provisions (CPAP) or any other escalation formula, and they are therefore to allow for any increases in the costs of labor, material, transport, etc. However, any statutory increase or decrease in Value-Added Tax will be for the account of the Province.

#### 1.13 GUARANTEE

The successful tenderer shall guarantee that no faulty material or workmanship was used in the execution of services. Should the guarantee not be complied with, the State may, without prejudice to any other rights it may have, demand that the services be repaired without cost to the State.

### 1.14 PENALTIES

If the contractor fails to render the service within the period stipulated in the contract, the State shall have the right, in its sole discretion either to deduct as a penalty from the value of the contract sum an amount of one-fourteenth percent thereof per calendar day for the period of delay or to claim any damages or loss suffered in lieu of such penalty: provided that where beneficial use of the completed portion is enjoyed, penalty shall be applied to the value of the outstanding portion only.

### 1.15 ALTERATIONS TO QUOTATION DOCUMENTS

Any amendment or correction in the quotation document of a quoted amount/sum/rate or other entry must be effected only by deleting the incorrect entry and writing the correct amount/sum/rate entry just above it in **INK**. Each and every amendment/correction must be initialed by the signatory to the quotation.

The use of "TIPPEX" or any other similar substances to make corrections and/or alterations ANYWHERE in the quotation is NOT permitted and any quotation altered/amended in such a manner may be declared invalid or be disregarded.

### 1.16 REGISTRATION ON THE PROVINCIAL SUPPLIERS DATABASE

- In terms of the KwaZulu-Natal Procurement Regulations promulgated in terms of Section 47 of the KwaZulu-Natal Procurement Act, all suppliers of goods and services to the Province of KwaZulu-Natal are required to register on the Provincial Suppliers Database.
- If you wish to apply for registration, forms may be downloaded from the website, <u>http://www.kzntreasury.gov.za</u> or obtained by phoning the toll free number 0800 201
   049. This number is also available for general enquiries relating to Provincial procurement.
- 3. If a business is registered on the Database and it is found subsequently that false or incorrect information has been supplied, then the Province may, without prejudice to any other legal rights or remedies it may have:
  - 3.1 de-register the supplier from the Database,
  - 3.2 cancel a tender or a contract awarded to such supplier,

and the supplier would become liable for any damages if a less favorable quotation is accepted or less favorable arrangements are made.

4. The same principles as set out in paragraph 3 above are applicable should the supplier fail to request updating of its information on the Provincial Suppliers Database, relating to changed circumstances.

ZNQ:	Bidders Signature:

### 1.17 VALIDITY

This quotation shall be valid for a period of sixty (60) calendar days calculated from the closing time specified.

### 1.18 CONTRACT PERIOD

The work shall be completed within thirty days (30) from the date of the official order/letter of acceptance.

### 1.19 PROPRIETARY MATERIALS

Where the term "or other approved" is used in connection with proprietary materials or articles it is to be understood that approval shall at the sole discretion of the Head: Works.

Where brand or trade names are referred to in the extent of work/specification these shall indicate the quality and type of material or fitting required and no substitution of materials so specified will be permitted unless the authority of the Head: Works has been obtained *before tenders close*.

In all cases where the contractor takes delivery of, handles, stores, uses, applies and/or fixes any proprietary product he shall do so in strict accordance with the manufacturer's instructions after consultation with the manufacturer or his duly authorized representative.

### 1.20 DEFINITION OF APPROVED, ETC.

The term "approved" or "specified" where used in these extent of work/specifications shall mean approved or specified by the Head: Works. This term shall apply equally to the Head: Health.



## PARK RYNIE MOBILE HEALTH AND SAFETY SPECIFICATION

## OCCUPATIONAL HEALTH AND SAFETY ACT 85 OF 1993

## **EXTRACT FROM THE CONSTRUCTION REGULATIONS**

- 1. Scope: This specification details the health and safety requirement with the Works.
- 2. Interpretations: Construction work is defined as: any work in connection with:
  - a) The erection, maintenance, alteration, repair, demolition or dismantling of or addition to a building or any similar structure;
  - b) The installation, erection, dismantling or maintenance of a fixed plant where such work includes the risk of a person falling; or
  - c) The moving of earth, clearing of land, the making of an excavation, piling or any similar type of work.
- **3.** <u>General:</u> The Employer will take reasonable steps to ensure that the contractor's health and safety plan is implemented and maintained. The steps taken will include periodic audits at intervals of at least once every month.

## Should the Contractor at any stage in the execution of the work-

- a) Fail to implement or maintain contractors' health and safety plan;
- b) Execute construction work which is not in accordance with contractors' health and safety plan; or
- c) Act in any way which may poses a threat to the health and safety of any person/s, the Employer or employers' representative/agent will stop the Contractor from executing construction work.

## 4. General Requirements

- **4.1.** First Aid Equipment: The Contractor shall provide for its employees an approved first aid box. The first aid box to be checked weekly by a responsible person, who shall be appointed by the Contractor.
- 4.2. Reporting of incidents and /or injuries:
- 4.2.1. All incidents in respect of damage to Works, property or machinery or injury to persons, shall be reported by the Contractors Safety Officer or Site Representative to the Representative/agent by the quickest means possible.

. The quickest means possible.	
Bidders Signature:	9
	Bidders Signature:

- 4.2.2. A mandatory incident report form, containing full details of the incident, shall be completed and submitted to the representative/agent within (24) hours of the occurrence of the incident.
- 4.2.3. The representative/agent shall have the right to make all or any enquiries as to the cause and result of any such incident. The Contractor shall provide the representative/agent with full facilities for carrying out such enquiries.
- **4.3.** Danger Areas: All danger areas shall be demarcated by the Contractor with appropriate tape and hazard notices to prevent unauthorized person/s entering the danger area.
- **4.4.** <u>Hazard Notices:</u> The Contractor shall display hazard notices in all areas identified in the risk assessment as potentially hazardous.
- **4.5.** Personal Protective Clothing: The Contractor shall provide the necessary personal protective clothing for his employees in hazardous areas, appropriate to the nature of the hazard identified in the risk assessment.

### a) Hard Hats:

All employees of the Contractor shall wear hard hats in areas where appropriate hazard notices are displayed. Hard hats shall not be painted or otherwise defaced.

### b) Eye Protection:

Suitable eye protection shall be worn in areas where appropriate hazard notices are displayed, or when grinding, chipping, breaking, drilling, arc welding, cutting with oxyacetylene equipment of similar activities are taking place.

### c) <u>Hearing Protection</u>:

Suitable hearing protection shall be worn in areas where appropriate hazard notices are placed.

### d) Foot Wear:

All employees of the Contractor shall wear undamaged, laced-up safety boots or safety shoes, suitable for the intended purpose, in prescribed areas where appropriate hazard notices are displayed.

### e) Gloves:

ZNQ:

All employees of the Contractors shall wear suitable gloves in all areas where appropriate hazard notices are displayed or when handling hot or hazardous materials or chemicals.

**Machine Guarding:** All power tools and machinery driven by belts, gears, ropes, chains, couplings and similar drives shall be adequately guarded. The Contractor shall prohibit the use of any equipment with a damaged, missing or inadequate guard.

Bidders Signature:	4.0
bidders signature	10

### 4.7. Ladders:

- 4.7.1. Every ladder shall be:
  - Of good construction, sound material and adequate strength and suitable to the purpose for which it is used (e.g. electricians shall use suitable insulated ladders),
  - Fitted with non-skid devices at the bottom of the stiles or with hooks or similar devices at the tops of the stiles.
  - 4.7.2. Except for extension ladders, no ladder shall be used which is longer than 4,5m and no ladder shall have its reach extended by tying together two or more ladders.
  - 4.7.3. All ladders shall be inspected weekly and a log shall be kept of the inspections.

### 4.8. Scaffold Framework:

- 4.8.1. Scaffold standards shall be firmly supported and secured against displacement and shall be kept vertical.
- 4.8.2. No Contractor shall use, or cause to be used, any scaffold unless it is inspected by a competent person at least once a week and after inclement weather.
- **4.9.** Prevention of Uncontrolled Collapse: The Contractor shall ensure that no structure or part of a structure is loaded in a manner that would render it unsafe.

## 4.10. Electrical Equipment and Procedures Used by the Contractor:

- 4.10.1. All electrical equipment to be inspected regularly by a qualified electrician, who shall be appointed by the Contractor and inspections to be logged.
- 4.10.2. The Contractor shall ensure that all his electrical equipment conforms to the operational and safety requirements.
- 4.10.3. All earth leakage units shall be tested at intervals of not more than one month and signed for by a qualified electrician.
- 4.11. Indemnity of the Employer and his agents: The annexure to this Contract Document contain a "Mandatory Form of Authority and Agreement in terms of Section 37 (2) of the Occupational Health and Safety Act, No, 85 of 1993 which agreement shall be entered into and duly signed by both the Employer and Contractor prior to the commencement with work. A copy of the signed agreement shall be included in the Contractors health and safety plan.

## 4.12. Minimum Requirements of a Safety File

- 1. Health & Safety specifications.
- 2. Baseline risk assessment
- 3. Task based Risk Assessment
- 4. Approved SHE plan

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6. Contractors OHS Policy 7. Agreements as contemplated in Section 37(2) of the OHS Act 8. Notification of construction work 9. Construction work permit (where required) 10. Contractor organogram 11. Site specific emergency plan 12. Site specific emergency numbers 13. All Legal appointments applicable to the project 14. Safe work procedures 15. Certificates of electrical installations 16. Fall protection plan where applicable 17. Scaffold inspection records 18. Drawings and designs 19. All applicable letters of appointments and CV's thereof 20. List of contractor employees on site 21. List of appointed contractors on site 22. Equipment list 23. Inspection schedule and copies of inspection reports 24. Evacuation plans and emergency contact details 25. Training records 26. Toolbox talks register 27. Medical certificates of fitness 28. Incident management procedures 29. MSDS register & Documents 30. PPE Issuing records 31. Proof of communication of all relevant OHS documents 32. Up to date version of the OHS Act & Regulations NB: this list is not exhaustive; the contractor must ensure compliance with ALL OHS file requirements as

5. Letter of good standing

contemplated in CR 7(b)



## PARK RYNIE MOBILE TECHNICAL SPECIFICATION

### **GENERAL**

- 1.1. This TECHNICAL SPECIFICATION shall be read in conjunction with all other sections of the SPECIFICATION, including the National Building Regulations SABS 0400 of 1990 as amended and the Occupational Health and Safety Act and Regulations, 85 of 1993.
- 1.2. Cognisance shall be taken of the clauses relevant to this particular installation, whether any specific clauses are referred to or not.

### 2. SCOPE

- 2.1. The work to be carried out under this contract includes the supply, delivery, installation, connecting, testing and leaving in good service condition to the satisfaction of the Head of Department or his or her designee, the building maintenance, renovations, repairs and minor new works to KwaZulu-Natal Health Institutions as specified by the Head of Department or his or her designee.
- 2.2. Work to be done as per drawing.
- 2.3. Material as specified below.
- 2.4. Work to be done according to Standard preambles of Trade of the Department of Health.
- 2.5. No jack hammers to be used unless cleared by Maintenance Manager.
- 2.6. If unsure please contact Maintenance Manager before commencing with the work.
- 2.7. No cutting off cables (electrical or network) if not cleared by Maintenance Manager. Contractor will be responsible if any cables are cut without permission.

### 3. REFERENCES

3.1. Where references have been made to specific brand names, these are read as "OR OTHER APPROVED BY DEPARTMENT OF HEALTH, FACILITIES MANAGEMENT."

### STRUCTURAL SPECIFICATION:

### **GUARD HUT SPECIFICATION**

- 1. Supply, deliver and install Guard Hut at Harding Clinic. KZN HEALTH GUARDHUT 4 CUSTOM
- 2. Supply, deliver and erect 1 x all metal construction prefabricated hut with gable roof as per *Tilley Sheds* or similar and equal. Dimension of shed: 3.6m x 2.4m with veranda (1.2m x 2.4m) Roof: 2.3m high. The hut is to be complete with 2 x lockable doors (exterior). One door is to be solid and other door is to have glass on top half.
- 3. Guard hut to be fitted with 4 x opening glass windows. 3 x clear and 1 x obscure in toilet
- 4. Walls are to be of aluminium zinc coated sheeting Zincalume construction.
- 5. Unit is to be supplied with pre wired DB, double plug and fluorescent light fitting with tube.
- 6. Unit is to be fitted with internal partitioning (up to ceiling height) to accommodate toilet.

7NO:	Riddors Signature.	
	Bidders Signature:	13

### ON SITE SPECIFICATIONS

### CONCRETE SLAB.

- 6.1 Cast 5000mm x 2800mm x 100mm thick concrete slab as per standard specification.
- 6.2 REF. 617 Reinforcing Mesh
- 6.3 The slab is to be cast on 250-micron damp proof membrane.
- 6.4 The slab is to be chamfered back to allow for rainwater runoff.
- 6.5 Soil poisoning according to SABS 1165.

### **SUB SOIL DRAINAGE**

Allow for subsoil drainage around guard house plinth. Water is to drain into existing storm water drain.

### **ELECTRICAL**

Supply and install cable between guard hut DB and supply point (Main DB). Test and supply Electrical COC

### WATER/DRAINAGE

Supply and install toilet, basin, and toilet roll holder.

Supply and install sink and cupboard.

Installation is to include all pipes, fittings, sundries. Only SABS approved UG, S and V pipes and fittings to be used. System is to be vented at highest points. All bends and junctions are to have inspection eyes. No "Strap on Boss" clamps are to be used. All water supply pipes to be 15mm and 22mm copper.

Construct manhole with size 600mmx450mm cast iron manhole covers at change of direction/junction. Manhole walls to be 230mm (9 inch) wide, hard burnt clay bricks and smooth plastered internally (As per Preambles, pages 62 to 67-no.15). Benching is to be smooth and uniform.

Install cast iron rodding eye.

### Reinstate area.

1. All works to be carried out by Qualified/Licenced Drain Layer.

Underground services exist within the construction area. Any damaged underground cables or pipes will be repaired at contractor's expense.

ALL WORKS TO BE CARRIED OUT BY QUALIFIED/LICENCED DRAINLAYERS. WINNING BIDDER TO SUPPLY PROOF. ARTISAN TO BE ON SITE AT ALL TIMES.

CHIEF ARTISAN TO BE INFORMED ONCE EXCAVATIONS HAVE BEEN DONE AND BEFORE BACKFILLING OF TRENCHES.

The Department of Health Standard Preamble to All Trades (Rev. 3 January 2009) applies throughout and must be read in conjunction with this document.

ZNQ:	Bidders Signature:	14
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## PARK RYNIE MOBILE CLINIC SCOPE OF WORK

### 1. GENERAL

ZNQ:

1.1 Supply, deliver and install Guard House HUT at Park Rynie Mobile Clinic

### 2. SCOPE OF WORK

- a. The work to be carried out in terms of this section of the project comprises the supply and installation of all the materials necessary, as per the Bill of Quantities and Drawings.
- b. All work must be checked and approved by the Chief Works Inspector.
- c. All workmanship will be done fully in accordance of the Occupational Health and Safety Act 85/1993, as amended.
- d. All work to be carried out as per Department of Health Standard Preambles to all trades, **Rev 3- January 2009**.
- e. Contractors are advised to visit the site to acquaint themselves fully with the nature and full extent of the work involved. Claims on the grounds of insufficient information will not be entertained.
- f. Site to be cleared daily of building rubble and work area kept clean at all times.

# PLEASE NOTE THAT THIS CONTRACT PERIOD IS FOR FOUR (4) WEEKS. CONTRACTOR IS TO ENSURE THAT THEY HAVE STAFF IN PLACE TO COMPLETE THIS CONTRACT WITHIN THE STATED PERIOD.

Time required Lead Time:	for completion of this contraction (1) Week	t as specified from receipt of official order: -
Site Time:	- 0 (cases)	
the contraction		
rotal fille.	Four (4) Weeks	
Signature of Co	ontractor	Name of Contractors
Contractor Nan	ne in block letters	
	Contractors S	Stamp

Bidders Signature: .....

## **BILLS OF QUANTITIES**

## PARK RYNIE MOBILE SUPPLY, DELIVER AND INSTALL GUARD HUT

Notes to Bidders: All items to be priced fully inclusive of all charges, e.g. labour, scaffolding, materials, profit, Transport etc. including Value Added Tax.

ltem	Description	Unit	Otv	Pata	
1	GUARD HUT CUSTOM MADE WITH VERANDA 2,4M X 3,5M WITH VERANDA 1,2M X 2,4M  Supply, deliver and assemble prefabricated guard hut with veranda extension as specified complete on concrete base:  2.4m wide x 4.8m long Prefabricated Guard Hut with gable roof (As per Tilley Sheds cc or equal and approved). Walls to be 2.0m high. Gable roof apex to be 0.3m high from edge of roof level. The structure must be vermin, fire and pest proof and must be rust free. The complete structure must be maintenance free in respect to cosmetic appearance.  WALLS: Aluminium/zinc coated sheeting Zincalume or other SABS approved aluminium/zinc coated sheeting. COLOUR: Chalk. Galvanized steel sheeting is not acceptable.  ROOF: Gable roof with Zincalume IBR sheeting. COLOUR: Blue. Galvanized steel sheeting is not acceptable. DOORS: 2 x 800mm wide x 1900mm high with cylindrical door handles MINDOWS: 4 x opening windows, 600mm x 900mm). 4mm float glass. Ex clear glass  1 x obscure glass-toilet NNCHOR UNIT TO BASE USING (NNCHORS/RAWLBOLTS)  PARTITIONING: Wall up to ceiling eight (including above door) in order to create toilet cubicle.  LECTRICAL: DB Board, double plug, uorescent fitting and tube-prewired and tested.  ITERNAL FLOOR: Internal floor to hut-	Unit	Qty	Rate	Total
W	Bmm shutterboard /ITH EXTENDED Verandah 1.2x2.4 pil poisoning according to SABS 1165.				

	acceptable.  DOORS: 2 x 800mm wide x 1900mm high with cylindrical door handles  WINDOWS: 4 x opening windows, (600mm x 900mm). 4mm float glass. 3x clear glass 1 x obscure glass-toilet  ANCHOR UNIT TO BASE USING  ANCHORS/RAWLBOLTS  PARTITIONING: Wall up to ceiling height (including above door) in order to create toilet cubicle.  ELECTRICAL: DB Board, double plug, fluorescent fitting and tube-prewired and tested.  INTERNAL FLOOR: Internal floor to hut-18mm shutterboard  WITH EXTENDED Verandah 1.2x2.4					
2	Soil poisoning according to SABS 1165.  CERTIFICATE TO BE PROVIDED	m²	7			
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3	Allow for sub soil drainage around concrete plinth. To include: -geofrabric material with minimum 200mm overlap (kaytech class a 5 or similar approved) -110mm i.d. slotted agricultural pipe to fall -19mm stone	Item	Sum	
4	CONCRETE SLAB  Cast 3000mm x 5000mm x 100mm thick concrete slab as per standard specification.  - REF 100 REINFORCING MESH  -The slab is to be cast on 250-micron damp proof membrane.  -The slab is to be chamfered back to allow for rainwater runoff.  -Supply and install 32mm long radius bend and conduit in concrete to accommodate cable in line with DB. Please note position	m³	1.5	

	Electrical connection between Distribution Board and Kiosk New armoured cable underground-75m: PVC SWA PVC with ECC (per metre) installed (Cu Conductors): 10mm² x 2 core 1000V. Run PVC 300mm wide cable marking tape laid 150mm below ground level in cable trench. (Provisional) Cable trenching shall be 500mm in depth and 300mm wide. Install Aluminium cable markers (x4) 100x100x2mm thick indicating size and arrow direction of new cable cast in mounted onto large concrete block above ground (150mm x 150mm x 300mm) Labels-Main DB or kiosk: GUARDHOUSE DB: Fed from MAIN DB Supply and install: 1 x ceiling mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in veranda. (3 way switch) All cabling to be in 20mm PVC/BOSAL conduit. Supply and install: 1 x ceiling mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet 1 x surface mounted 2 PL9W Bulkhead in toilet		15		
6	Testing of installation including Certificate of Compliance (COC).  Leave in working order. C.O.C. Certificate of Compliance to be issued for all electrical work signed off by certified Electrician doing the work. Proof of Wireman's and Electrician Qualifications to be attached. All copies to be certified. Originals to be shown on request.	Item			
7	Connect water from closest supply using 15mm pipe Including all fittings and isolating valve. Copper pipes to be used internally.	m	5		
8	Install 1 x toilet and cistern (As per spec )	Unit	1		
9	Install basin (As per spec)	Unit	1		
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10	DRAINAGE: Installation to include all pipes, fittings, sundries. Only SABS approved UG, S and V pipes and fittings to be used.  System to be vented at highest points. All bends and junctions to have inspection eyes. No "Strap on Boss" clamps are to be used.  50mm pipes and fittings are to be SABS Approved	m	18	
11	Construct manhole- size 600mmx450mm cast iron manhole covers at change of direction/junction. Manhole walls to be 230mm (9 inch) wide, hard burnt clay bricks and smooth plastered internally (As per Preambles, pages 62 to 67-no.15). Benching to be smooth and uniform.	Unit	1	
12	Install cast iron rodding eye. Cast frame in concrete.	Unit	1	
13	Supply and install CP Toilet Roll Holder	Unit	1	
14	CUPBOARD Supply and install 2 x cupboards  To be constructed from SUPAWHITE 16mm Melamine faced "V313" moisture resistant particle board Size: Size: Sink cupboard: 600mmx400mm wide  Including internal shelving  Doors (x2)-Including concealed hinges, cam locks, handles (D-shaped/Chrome Plated) and barrel bolts on door  Install backing board.  Install worktop with 400mm x 2400mm x 32mm top (Bullnose). To be constructed from 32mm Melamine faced "V313" moisture resistant particle board  Seal all joints with silicone.  Install 'drop on' sink and 15mm COBRA bib tap. Installation is to include waste and flexible "P" trap	ltem		

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,	, ,	Construct walkway from front door to	T		
	15	parking bays (3,000mm Long x 1200mm wide x 100mm Thick)			
	23	To link with plinth at same height	m³	4	
-		REF 100 REINFORCING MESH (3.6m²)			
		REFER TO STANDARD PREAMBLES			
		Total amount carried over to the Quotation	on Form		

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## MATERIALS TO BE USED

## **TOILET PAN and CISTERN:**

- -1 X VAAL AQUASAVE LOW LEVEL SUITE. Code: 750151 (WHITE) (or other approved) **TOILET SEAT:**
- -1X DPE A1- WHITE

### **BASIN**

- -1 X Vaal 'HIBISCUS' (Including fixation bolts). Code: 702303WH (or other approved)
- -1 X BOTTLE TRAPS: Cobra 340- 11/4 x11/2 CP bottle trap
- -1 X WASTE FITTINGS: Cobra 310cp slotted basin waste

### TAP for BASIN

-1 X COBRA 111-15 Pillar Tap CP

### SINK

Stainless Steel Sink. Single end bowl. Size: 800mm x460mm. FRANKE. Code: 310331 Marley Flexi 'P" Trap (50x50)

-1 X COBRA WASTE FITTING. Code: 316

### TAP for SINK

- -1 X COBRA 111-15 Pillar Tap CP
- -1 X CP Toilet Roll Holder
- -Supply 15mm CP Ball O Stop to each point (x3)

## Materials to be used

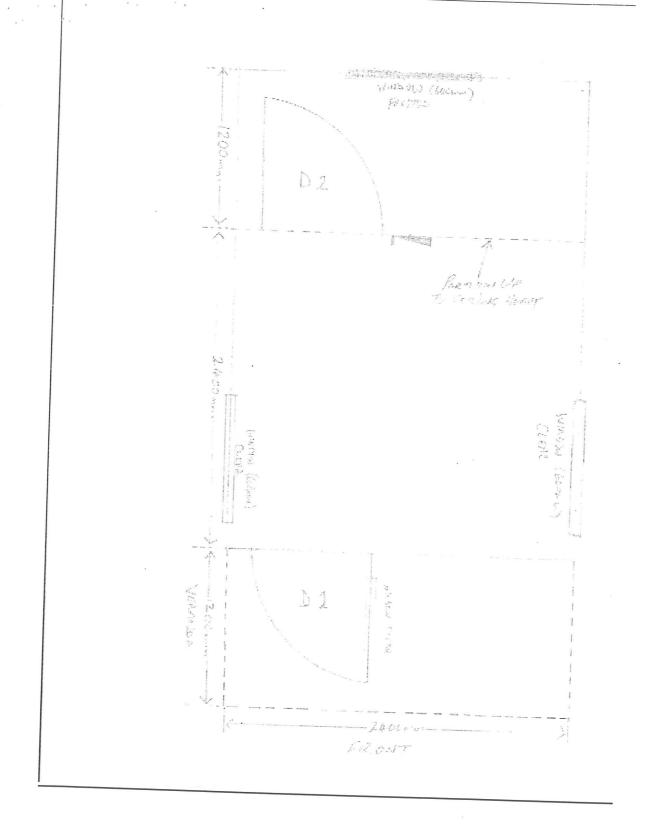
All pipe fittings, taps, traps, ext. must be COBRA All sanitary ware must be VAAL (or similar approved)

All 110mm, 50mm and water pipes to be SABS approved.

All fittings to be SABS approved

15 and 22mm SABS Approved copper pipes to be used on surface

Supply 15mm CP Ball O Stop to each point (x3)



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## DRAINAGE AND PLUMBING

GENERALLY: —The Standard Preambles for other trades, with reference to Excavations, Concrete, Brickwork and Plastering, and, in particular for the full description intent and meaning of the classification for excavations, are to apply equally to this trade. LICENSED DRAINLAYERS AND PLUMBERS: — Only licensed drain layers shall be employed on any drainage work and licensed plumbers on plumbing work. SUBSOIL DRAINS

Unplasticised polyvinyl chloride (UPVC) slotted drainage pipes and fittings: — shall be of approved manufacture jointed in accordance with the manufacturer's instructions. Pitch-fibre perforated or slotted drainage pipes and fittings: shall comply with SANS Specification 921 and shall be jointed in accordance with the manufacturer's instructions. Filter fabric: — shall be non-woven, spun bonded, needle punched and continuous polyester fabric, resistant to the effects of alkalis, acids, saline solution and sunlight. CONCRETE BEDS AND ENCASEMENT TO DRAIN PIPES: — Where pipes are required to be bedded on concrete, the bed of concrete shall be Class B, a minimum of 500mm wider than the diameter of the pipe, laid to correct falls and levels with recesses formed in same for pipe joints including all necessary formwork and any additional excavation. The barrel of the pipe shall then be bedded on a thin cement mortar (1:3) bed and laid to falls. After jointing, the recesses previously formed shall be filled in with concrete Class B and the haunching or surrounding completed.

Where pipes are fixed vertically they shall be encased in concrete Class B having a minimum thickness of 150mm around the pipe and carried up to ground level and shall include for any necessary formwork.

PIPE LAYING: — All drain and sewer pipes are to be laid to a straight line to even gradients and jointed in accordance with SANS Code of Practice 058 except in the case of polyethylene or unplasticised polyvinyl chloride drain and sewer piping which is to be in accordance with SANS Code of Practice 01 12.

Before laying, each pipe shall be examined to ensure that the bore is clean and free of any foreign matter and shall be tested for soundness by striking with a wooden mallet, and any cracked or damaged pipes shall be rejected. Ends of all pipes must be clean before STANDARD PREAMBLES TO ALL TRADES 64 Rev 3 January 2009

jointing. Immediately after jointing a tight fitting wad or scraper shall be drawn several times through the bore of the pipe to ensure that it is left clean and free from obstructions. Whenever work is suspended, the open ends of pipes and junctions must be temporarily plugged to prevent the entrance of rubbish during construction.

GULLEY TRAPS: — Gulley trap assemblies must be of the material specified with "P" or "S" trap, jointed to drain and with hopper head with vertical and side inlets, the head fitted with 190mm diameter cast iron gulley grating complying with SANS Specification 1115 laid loose in socket. The trap, hopper head and vertical pipe shall be set on and encased in concrete Class B having a minimum thickness of 150mm at any one part, carried up 75mm above ground level as kerb, dished down to grating and finished on all exposed surfaces in 1:3 cement plaster with angles rounded, including necessary excavation and formwork. GREASE TRAPS: — Grease trap assemblies of vitrified clay must consist of outlet junction jointed to trap with side inlet. Access openings of trap and junction shall be fitted with vitrified clay stoppers laid loose in socket of trap and set in bitumen in socket of junction. The trap and junction and vertical pipe shall be set on and encased in concrete Class B having a minimum thickness of 150mm at any one part, carried up 75mm above ground level as kerb, dished down to grating and finished, on all exposed surfaces in 1:3 cement plaster with angles rounded, including necessary excavation and formwork.

RODDING EYES: — Where pipes are carried up in ramps for rodding eyes, the head of the pipe at ground level must be fitted with an "A.B.C." cast iron cover and frame, complying with SANS Specification 746, jointed to pipe, the frame rebated for and including cover with raised letters "CE" cast on same, secured to frame with gun-metal screws and with the whole encased in concrete Class B having a minimum thickness of 150mm at any one part, carried up 75mm above ground Level and finished on all exposed surfaces in 1:3 cement plaster with angles rounded, including necessary excavation and formwork,

INSPECTION EYE BLOCKS: — Where inspection eye fittings are provided in pipelines,

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position of these inspection eyes must be registered and demarcated with concrete Class C. block size  $300 \times 300 \times 50$ mm thick finished on all exposed surfaces with 1:3 cement plaster with angles rounded and with sunk letters "I.E." formed in top and set in ground, including necessary excavation and formwork.

GRATINGS FOR GULLEYS AND STORMWATER DRAINS AND CAST IRON SURFACE BOXES AND MANHOLE COVERS AND FRAMES: — Cast iron or Polymer gratings for gulleys and storm water drains shall comply with SANS Specification 1115 and SANS 1882:2003 respectively.

Cast iron surface boxes and manhole covers and frames shall comply with SANS Specification 558.

All cast iron gratings, cast iron surface boxes and cast iron manhole covers and frame must be coated with approved preservative solution before leaving the manufacturer's works. The masses stated are the combined mass of the grating and frame or the combined mass of the cover and frame.

STORM WATER SUMPS, JUNCTION BOXES, MANHOLES, INSPECTION CHAMBERSCABLE INSPECTION CHAMBERS AND VALVE CHAMBERS: — shall be of the internal size specified and are to be constructed of one brick sides, unless otherwise specified, built in 1:3 cement mortar on a 150mm thick concrete Class C bottom and finished on top with an 85mm thick pre-cast concrete Class C cover slab, reinforced as detailed and bedded in cement mortar. The cover slab, except to junction boxes, is to have a rebated opening formed in same, suitable for and fitted with a cast iron orating and frame, or cover and frame, of the size and mass specified with the frame bedded in cement mortar. The bottom of the sump, manhole, etc. and the exposed surfaces of the cover slab are to be finished smooth in 1:3 cement plaster with angles rounded. The internal brick surfaces are to be faced with smooth facing bricks and pointed with flush joints.

Inspection chambers and manholes with an invert not exceeding 1m shall have an internal dimension of 470mm x 700mm and those exceeding 1m shall have an internal dimension of 920mm X 920mm. Where the invert of the hole exceeds 1m, a 150mm thick reinforced concrete Class C corbel slab, reinforced as detailed, with opening size 470mm x 700mm formed in same and finished smooth off the formwork, is to be built into the brick sides at a height not exceeding 1, 5 inches above the concrete bottom with the reduced manhole shaft built off the top of the corbel slab. Cast iron step irons spaced at 300mm staggered centres vertically are to be built into one side of all manholes with an invert exceeding 1m. Where measured in number, rates for all sumps, manholes, etc. are to include for excavating to the depths required, taking precautions against collapse of sides of excavations, staging, ramming, pumping and baling to keep excavations free from water or mud, filling around and ramming and depositing and levelling spoil on site or carted away as directed. Ends of pipes are to be built through the sides of the sumps, manholes, etc. and rates are to include for this.

SOIL DRAIN MANHOLES AND INSPECTION CHAMBERS: —are to be of the internal diameter and inverts specified and are to be constructed of pre-cast reinforced concrete manhole ring sections with walls a minimum of 50mm thick, pre-cast reinforced concrete cover slabs and spacer pieces complying with SANS Specification 677. The joints for the ring sections shall be of the ogee type. The bottom shall be of concrete Class C-cast insitu. The placing of the concrete bottom and benching shall be carried out in three stages with the initial stage being the laying of the concrete bottom projecting 100mm beyond the external diameter of the manhole on which is laid the inspection eye pipe, branches, etc. The second stage comprises the laying of concrete within the manhole to the height of the pipes and around the perimeter of the bottom to a height of not less than 25mm above the collar of the pipe at the highest end. This annular base is to be shuttered to provide a horizontal setting for the first ring section which is to be firmly bedded in the wet concrete. The third stage comprises the laying of the benching within the initial ring section and finished in 1:3 cement plaster with all angles rounded. Thereafter, the ring sections of the required standard height are joined together to form the required depth, with all joints primed with "Bituprime" and sealed with "Bitujoint Putty". A 125mm thick pre-cast reinforced concrete cover slab, rebated on underside to suit ring sections and with opening size 600mm x 600mm formed in same is to be bedded on top of the ring section. The shaft above the cover slab is to be constructed of either pre-cast reinforced concrete spacer units to suit the type of cast iron cover and frame specified, or one brick kerb walls faced internally with smooth facing bricks jointed with flush joints, and finished on top with an

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85mm thick pre-cast concrete Class C cover stab, reinforced as detailed and bedded in cement mortar with the exposed surfaces finished smooth in 1:3 cement plaster with all angles rounded. The cover slab is to have a rebated opening formed in same suitable for and fitted with cast iron cover and frame of the size and mass specified, with the frame

MANHOLECOVERS AND FRAMES:- Cast iron, Concrete or Cultured Polymer covers and frames to be suitable for the area of usage.

SOAK PITS: — shall be of the lengths and widths specified and shall be a minimum of 900mm deep below the invert of the inlet pipe. A perforated pitch-fibre drainpipe, jointed to the inlet pipe and with other end capped, is to be laid level in a 19mm stone packing of a minimum thickness of 15mm below and at sites of pipe and a minimum thickness of 150mm below the top of the pipe. The remainder of the soak pit is to be filled with stone graded

from 50mm to 75mm, to a level of 50mm above the top of the pipe. The stone is to be covered with corrugated asbestos cement sheets extending 150mm beyond the walls of the soak pit all round. The trench shall be backfilled above the sheeting to a minimum depth of 300mm lightly rammed with the final 100mm of backfilling being approved topsoil from the

SEPTIC TANKS: —shall be of the internal sizes specified and are to be constructed of one brick sides built in 1:3 cement mortar on 150mm thick concrete Class C bottom laid to falls. A half brick baffle wall finished 75mm below underside of concrete cover slab and with opening size 150 x 150mm high formed in wall is to be built in 1:3 cement mortar on the concrete bottom. A 115mm thick reinforced concrete Class C cover slab, reinforced as detailed, is to be cast in-situ on removable formwork and is to have two openings formed in same, each suitable either for and fitted with 600 x 450mm x 38 kg cast iron single seal manhole cover and frame, or for the shaft of the inspection chamber built off the cover slab in one, brick walls in 1:3 cement mortar with smooth face bricks internally, finished on top with 85mm thick pre-cast concrete Class C cover slab, reinforced as detailed and rebated for and fitted with 600 X 450mm X 38-kg cast iron single seal manhole cover and frame. The bottom and sides of the septic tank are to be finished in 1:3 cement plaster, 19mm thick, with an approved waterproofing compound added, with all internal angles coved to 50mm radius. Inlet and outlet chambers attached at either end of the septic tank shall be size 600 x 450mm internally, of the depth required and each shall be constructed of one brick walls built in 1:3 cement mortar on a concrete Class C bottom 150mm thick, or where extended above the top of the septic tank cover, built off the cover and finished on top with 85mm thick pre-cast concrete Class C cover slab, reinforced as detailed and bedded in cement mortar with the exposed surfaces finished smooth in 1:3 cement plaster with angles rounded. The cover slab is to have a rebated opening formed in same suitable for and fitted with a 600 x 450mm x 38 kg cast iron single seal manhole cover and frame. Chambers shall be provided with inspection eye pipes or bends, straight or curved channel sections, benched up to sides of chambers in concrete Class C, finished in 1:3 cement

The inlet and outlet of the septic tank shall be formed of cast iron square junction piece with tail-pipe extending 300mm below water level in tank, built in through end walls and jointed

TESTING OF DRAINS, MANHOLES AND INSPECTION CHAMBERS: — All drains, manholes and inspection chambers with the exception of subsoil drains shall be constructed so as to be watertight. No trenches shall be backfilled or pipes encased in concrete until the drains have been tested and approved. Any drains covered by the Contractor prior to testing shall be exposed at the Contractor's expense. The Contractor shall give at least 24 hours' notice of any particular length between manholes ready for testing. The drains shall not be tested until a period of 24 hours, or

The whole (a) Visual line. Intern	period as may be required, has been allowed for the pipe joints to set. The shall provide all necessary testing apparatus, expanding plugs, stoppers, water materials and all labour that may be required for carrying out the tests. The street of the drainage system shall be tested using one or more of the following tests. The large test in the pipe shall be inspected for invert level grade, direction and a surce of light. The drains must be free of invert lips and the bases of the pipels.	er :- id
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(b) Air test —All openings in the drain shall be plugged and sealed and all associated traps filled with water and air pumped into the drains until a manometric pressure of 40mm is indicated, after which, without further pumping, the pressure shall not drop below 25mm for a period of at least 30 seconds.

After the entire drainage system has been completed, all plumbing fittings installed and permanently connected up, and traps filled with water, a final air test shall be applied to the whole system.

STANDARD PREAMBLES TO ALL TRADES 67

(c) Water test— All openings-in the drain, except the highest one, shall be plugged and sealed and the drain filled with water so that every part of the system is tested under a head of water of not less than 1.5m and not more than 3.5m. After allowing period of 10 minutes for initial absorption, the amount of water it shall be necessary to add to maintain the water level over the next 15 minutes shall not exceed a rate of 25 litres for 100mm diameter pipe and 3,75 litres for 150mm diameter pipe for 100m of drain and an equivalent rate for larger drains. In carrying out the water test, the head of water shall be obtained by providing temporary pipes, fittings, etc. wherever necessary or by such other method as may be approved.

In cases where the maximum head of water, owing to the gradient of the drains, would be exceeded in any section, inspection eyes at suitable intervals may be provided and the drain plugged, in order not to subject the lower portion of the drain to a greater head of water than that required. Drains must be free of air before testing.

(d) Manhole and Inspection Chamber test — The inlet and outlet pipe hose shall be plugged and sealed and the inspection chamber filled with water. After allowing the water to stabilise due to absorption, the water level should not fall more than 5mm in 2

DEFECTS TO BE MADE GOOD: — Should the drain system fail to withstand the above hours. tests, all defects shall be made good and the tests repeated at the Contractor's expense until the whole system is sound and passed to the satisfaction of the Department. In making good, all defective parts shall be cut out and replaced with new. No patching of pipes, joints or connections will be permitted.

SAND: — shall comply with the requirements of SANS Specification 1090, washed where necessary and screened through a 2360 micro meter mesh sieve.

CEMENT: — shall be Portland cement of normal setting quality complying with SANS STANDARD PREAMBLES TO ALL TRADES 24

Specification 471 or Portland cement 15 complying with SANS specification 831. Cement containing more than 15 % blast furnace slag will not be permitted to be used.

LIME: — shall be hydrated lime complying with SANS Specification 523.

WATER: — shall be clean and free from injurious amounts of acids, alkalis, and other organic substances. If so required by the Department, the suitability of the water shall be proved by tests carried out by an approved laboratory.

CEMENT MORTAR: — unless otherwise described, shall be composed of one part by volume of cement to five parts by volume of sand.

COMPO MORTAR: — unless otherwise described, shall be composed of one part by volume of cement, one part by volume of lime to ten parts by volume of sand.

STRENGTH MORTAR: —where required, shall be of the class specified and as defined in Table C-I of SANS Code of Practice 0164—Part I.

MIXING OF MORTAR: — the materials are to be mixed dry on a non-absorbent and close jointed timber or iron platform until the mixture is of uniform colour with water added and the mixture turned over until the ingredients are thoroughly incorporated.

No cement mortar that has once commenced to set will be allowed to be used. Mixing platforms are to be cleaned and old mortar removed before any new batch of mortar is prepared for mixing. No mortar mixing by adding additional materials is permitted after 5

TESTING OF STRENGTH MORTAR: — During the time brickwork is being laid samples shall be taken of the mortar being used as shall be directed by the Department. A group of three 70mm x 70mm x 70mm test cubes shall be made from each sample for testing at 28

	70mm x 70mm x 70mm test cubes shall be made was	26
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days of age. Each group test cubes shall be deemed to represent the whole of the batch from which the sample was taken and shall be identifiable with the batch.

The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Department. An item for the testing of mortar cubes has been provided elsewhere in these Bills of Quantities.

BURNT CLAY COMMON BRICKS: — shall comply with SANS Specification 227 and are to be good quality, sound, hard, well burnt bricks, uniform in size and shape.

A sample load of bricks is to be approved by the Department and all subsequent loads are

BRICKS FOR FOUNDATIONS: — are to be as above but extra hard burnt bricks. to be equal thereto. Reject facing bricks may be used in lieu of extra hard burnt foundation bricks provided they are equal to a sample to be submitted to and approved by the Department. These bricks are also to be used for septic tank walls.

BRICKWORK: —unless otherwise described is to be in burnt clay common bricks and wherever practicable is to be in stretcher bond with the skins tied together with and including galvanized crimped wire wall ties in accordance with SANS Specification 28. The wire ties are to be of sufficient length to allow each end to be built into brickwork built into every fourth course and spaced at 450mm staggered centres (seven ties per square metre). The bricks are to be well wetted before being laid and the course of bricks laid last is to be well wetted before bedding the next course of bricks upon it. The brickwork is to have all perpends flushed up solid and each course is to be laid on a solid bed of mortar. No false headers are to be used. Whole bricks are to be used except where bats or closers are legitimately required to form bond.

Unless otherwise described one brick walls are taken at a nominal thickness of 230mm. The joints of all walls to be plastered are to be raked out as the work proceeds to form key for plaster. All walls are to be carried up regularly so that no part is built more than 1,2m higher than the adjoining walls.

Mortar joints generally are not to exceed 10mm thickness unless otherwise indicated on the drawings. If a specific brick scale is indicated on the drawings, either drawn or written, it must be adhered to.

Solid bricks to X-Ray Room walls are to be used. If hollow core bricks are used, these are to be grouted up solid.

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# CONTRACTORS STAFF AND SUPPLIERS INFORMATION FORM

### **Supplier information**

Company name	Contact person	Telephone No.	Supplier of
,			

### **Sup contractor information**

Company name	Contact person	Telephone No.	Sub contract for	Name of responsible person on site

## Contractor staff information as per registration with Department of Labour

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

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