20 200 mr. | Page | 2016 | 2016 |

health Department Health Province of KWAZUU-NATAL	uotation Advert
Opening Date:	2020-08-21
Closing Date:	2020-08-27
Closing Time:	11:00
INSTITUTION DETAILS	
Institution Name:	Edendale hospital
Province:	KwaZułu-Natal
Department or Entity:	Department of Health
Division or section:	Central Supply Chain Management
Place where goods / services is required	Edendale Hospital SCM Main stores
Date Submitted	2020-08-20
ITEM CATEGORY AND DETAILS	
Quotation Number:	ZNQ: 836/20-21
Item Category:	Goods
Item Description:	High flow nasal oxygen (HFNO) (SPECIFICATION: H.T.S NO.A86)
Quantity (if supplies)	04 units
COMPULSORY BRIEFING SESSION	SITE VISIT
Select Type:	Not Applicable
Date :	1
Time:	
Venue:	
QUOTES CAN BE COLLECTED FROM:	Download and print from the site
QUOTES SHOULD BE DELIVERED TO:	89 Selby Msimang RD, Plessislaer, Pietermaritzburg 3201, Blue box
ENQUIRIES REGARDING THE ADVE	
Name:	Sizwe
Email:	sizwe.ngcongo@kznhealth.gov.za
Contact Number:	033 395 4570
Finance Manager Name:	Mr Dan Thangalan
Finance Manager Signature:	
No	late quotes will be considered

STANDARD QUOTE DOCUMENTATION SUPPLY CHAIN MANAGEMENT OVER R30 000.00
YOU ARE HEREBY INVITED TO QUOTE FOR REQUIREMENTS AT Edendale Hospital
DATE ADVERTISED
FACSIMILE NUMBER: 0333954028 E-MAIL ADDRESS 2004
PHYSICAL ADDRESS: lot 89 Selby Msimango, road ,Plessislaer ,Pietermaritzburg,3201
836/20-21
ZNQ NUMBER: 836/20-21
DESCRIPTION: High flow Delivery Device - SPECIFICATION A86
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)
BLUE TENDER BOX LOCATED AT EDENDALE HOSPITAL MAIN GATE
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.
ALL QUOTES MUST BE SUBMITTED ON THE OFFICIAL FORMS - (NOT TO BE RE-TYPED)
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 WILL 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 IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

FFICIAL P	RICE PAGE:	FOR QUOTATIONS flow Delivery Device	e - SPECI		<sub>R</sub> . 836/20-21		
IGNATURE	OF BIDDER		144.4	DA <b>t</b> e			
		I hereby agree to all terms and o					
APACITY (	UNDER WHIC	CH THIS QUOTE IS SIGNED	***************************************			************	••••
Item No	Quantity	Description		Brand &	Country of	Price	
				model	manufacture	R	C
1	4 units	High flow Delivery Device -	SPECIFICATION	ON A86			
							-
							+
							$\dashv$
							+
							_
							-
							十
VALUE A	DDED TAX @	1 15% (Only if VAT Vendor)					
TOTAL Q	UOTATION P	RICE (VALIDITY PERIOD 60 D	ays)				
				Adiala Canform To The	ANCICADO COM	ification?	••
Does This ( is The Price		With The Specification?		Article Conform To The Svery Period E.G. E.G. 1d		mcaron!	
s ine Pilce	s (*0101) f		Journ Doll	,			
•	-	ne <u>quote</u> may be directed to:		Enquiries regarding <u>te</u>	chnical information ma	y be directed	d to:
Contact P	erson:	Tel:		Contact Person:	Tel·		
E-Mail Ad	dress:			Contact of Soft manning	ananiminani anana a	್ರಾವಿಧ್ಯಾಗಿಸ್ಕಾರ್ಡ್ ಚಿತ್ರಾಗಿ ಪೆರೇಸ್ಟಿಗೆ ನೆ	agenta esta esta esta esta esta esta esta es

### **DECLARATION OF INTEREST**

1.	Any legal person, including persons employed by the state¹, or p blood relationship, may make an offer or offers in terms of this intimited quote or proposal). In view of possible allegations of favor employed by the state, or to persons connected with or related to declare his/her position in relation to the evaluating/adjudicating at the bidder is employed by the state; and/or the legal person on whose behalf the bidding document is significant or adjudication of the quote(s), or where it is known whose behalf the declarant acts and persons who are involved.	vitation uritism o then uthon ned, nown ved wi	n to quote (include n, should the result m, it is required that ty where- has a relationship that such a relation ith the evaluation a	ing quote, or part thereof, be an at the bidder or his/her authoris with persons/a person who are iship exists between the person dor adjudication of the quote.	warded to persons sed representative efis involved in the n or persons for or
2.	In order to give effect to the above, the following questionnaire mu	ıst be	completed and sul	omitted with the quote.	
2.1. 2.2. 2.3.	Full Name of bidder/representativeIdentity Number:	2.5.	Tax Reference N	ration Number:umber:	*** ***
2.8.	The names of all directors / trustees / shareholders / members, employee / persal numbers must be indicated in paragraph 3 bel Are you or any person connected with the bidder presently employed. If so, furnish the following particulars:  Name of person / director / trustee / shareholder/ member:	ow. byed t	by the state?		YES NO
	Position occupied in the state institution:  If you are presently employed by the state, did you obtain the in the public sector?  2.1. If yes, did you attach proof of such authority to the quote doc	 аррго	Any other par priate authority to u	indertake remunerative work o	
2.8. (Note:	Failure to submit proof of such authority, where applicable, may re	sult in	n the disqualitication	of the quote.)	
2.9.	2.2. If no, furnish reasons for non-submission of such pr Did you or your spouse, or any of the company's directors / trus state in the previous twelve months?	tees /	shareholders / me	mbers or their spouses conduc	t business with the
2,10	If so, furnish particulars:     Do you, or any person connected with the bidder, have any relate may be involved with the evaluation and or adjudication of this quality.     If so, furnish particulars:	ionshi uote?	ip (family, friend, of	her) with a person employed by	y the state and who YES NO
2.11	Are you, or any person connected with the bidder, aware of any temployed by the state who may be involved with the evaluation	relatio and o	nship (family, frien r adjudication of thi	d, other) between any other bid s quote?	YES   NO
2,12	To you or any of the directors / trustees / shareholders / member     or not they are bidding for this contract?      1. If so, furnish particulars:	s of th	ie company have a	ny interest in any other related (	companies whether YES NO
2	Full details of directors / trustees / members / shareholders. The Department Of Health will validate details of directors / trusto ensure that their details are up-to-date and verified on CSD. not be considered and passed over as non-compliant according	stees	s / members / shar Department canno	eholders on CSD. It is the sup of validate the information on	pliers' responsibility CSD, the quote will
4	DECLARATION				
I, T FU	HE UNDERSIGNED (NAME)RNISHED IN PARAGRAPHS 2.	•••••		CERTIFY THAT THE	INFORMATION
I A PR	CCEPT THAT THE STATE MAY REJECT THE QUOTE OVE TO BE FALSE.	OR A	ACT AGAINST	ME SHOULD THIS DECLA	ARATION
	ne of <b>bi</b> dder Signature		Position	Date	
**Sta a) b)	ate" means — any national or provincial department, national or provincial public entity of constitutional institution within the meaning of the Public Finance Managemer Act, 1999 (Act No. 1 of 1999); any municipality or municipal entity;	it d	e) provincial legislatur I) national Assembly o b) Parliament.	e; or the national Council of provinces; or	

<sup>\*\*</sup>Shareholder\* 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 disqu	alified from the evaluation process.
(i) (ii)	The institution has determined that a compulsory site meeting  Date Time Place	take place
Instit	ution 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 (hear after 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:
- if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract,

if the supplier fails to perform any other obligation(s) under the contract; or

- if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the (iii)
- In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner 14.2. 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.
- 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

- 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;
  - 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:

#### POINTS AWARDED FOR PRICE 3.

#### THE 80/20 PREFERENCE POINT SYSTEMS 3.1

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

Ρt

Price of bid under consideration

Pmin

Price of lowest acceptable bid

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

In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for 4.1 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

-	 DEAL	4 174	TION
_	DECL	$n \bowtie a$	I II IM

- Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following: 5.1
- B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1 6.
- B-BBEE Status Level of Contributor: = ......(maximum of 20 points) 6.1

(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 or	B-BBEE Status level of contributor.		
7.	SUB-CONTRACTING	(Tick applicable box)	_
7.1	Will any portion of the contract be sub-contracted?	YES NO	_
7.1.1	If yes, indicate:		
8.	i) What percentage of the contract will be subcontracted	(Tick applicable box)	

Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of YES NO Preferential Procurement Regulations, 2017: QSE Designated Group: An EME or QSE which is at last 51% owned by: EME Black people 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.	DECLAR	ATION WITH REGARD TO COMPANY/FIRM				
9.1	Name o	of company/firm:				
9.2	VAT re	gistration number:				
9.3	Compa	ny 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		RIBE PRINCIPAL BUSINESS ACTIVITIES				
9.6	COMP	ANY CLASSIFICATION [TICK APPLICABLE BO	DX]			
		Manufacturer Supplier Professional service provider Other service providers, e.g. transporter, etc.				
9.7		umber of years the company/firm has been in bu				
9.8	the B-I	ne undersigned, who is / are duly authorised to on BBE status level of contributor indicated in parage reference(s) shown and I / we acknowledge that:	do so on behalf of the company/firm, certify that the points claimed, based on graphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for			
	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;					
	b	we will be a stated as a wealth of points claimed as about its paragraphs 1.4 and 6.1, the contractor may				
	iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of have not been fulfilled, the purchaser may, in addition to any other remedy it may have —					
	(a)	disqualify the person from the bidding process	s;			
	(b)	recover costs, losses or damages it has incur	red or suffered as a result of that person's conduct;			
	(c)	arrangements due to such cancellation;	which it has suffered as a result of having to make less favourable			
	(d)	who acted on a fraudulent basis, be restricted	shareholders and directors, or only the shareholders and directors d by the National Treasury from obtaining business from any organ, after the audi alteram partem (hear the other side) rule has been			
	(e)	forward the matter for criminal prosecution.				
	WITI	NESSES	SIGNATURE(S) OF BIDDERS(S)			
	1.		DATE:			
	2.		ADDRESS			

Revised: 10/11/2017

# PROVINCE OF KWAZULU-NATAL

DEPARTMENT OF HEALTH

# HEALTH TECHNOLOGY SERVICES (H.T.S.)

# **SPECIFICATION FOR:**

High Flow Oxygen Delivery Device

UMDNS: 18076 SPECIFICATION: H.T.S. A86 (ANAESTHETICS)

# **Description:**

The device must be capable of delivering high flow oxygen that is both heated and humidified and suitable for Adult and Paediatric patients

# **Intended Areas of Use:**

District Regional Tertiary

# **Expert Advisory Group:**

Anaesthesia Critical Care Emergency Medicine

# NB: GENERAL CLAUSES THAT DO NOT APPLY TO THE EQUIPMENT OFFERED, MUST BE ANSWERED 'NOT APPLICABLE' UNDER BIDDERS COMMENTS.

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR
	1 I I I I I I I I I I I I I I I I I I I	ANSWER THE QUESTION.
Clause G1	The space provided under "Bidder's Comments" for each clause must be used for this purpose. Bidders who neglect to provide answers to every Clause in this Bid Specification will be disqualified. Bidders must note that abbreviated answers e.g. N/A etc. will not be accepted.	
	Bidders must also note that no part of any clause/s in this Bid Specification may be altered. Where there are traces of alterations found to any clauses in this Bid Specification during Adjudication, the Adjudication Committee will reserve the right to disqualify the bidder.	
	The Bidder must clearly indicate if their offered product complies with the stated requirements, by indicating, "Complies" or "Does not comply" or answer the question next to the corresponding clause.	
Clause G2	All responses must be clear and legible.	
Clause G3	GUARANTEE:	
Clause G3.1	All Equipment, Materials and Workmanship provided under this Contract must be Guaranteed for a minimum period of twenty four (24) Months. The successful bidder must arrange with the respective Hospital / Institution and the Health Technology Services before Commissioning the Equipment at the respective Hospital / Institution. The bidder to note that the Guarantee period must only take effect upon successful Commissioning at the respective Hospital / Institution and	
	successful test and acceptance by the Health Technology Services.	The state of the s
Clause G3.2	State percentage guaranteed up time of machine (Should be at least 99%).	İ
Clause G3.3	The recommended number of services, per annum, by the manufacturer, must be included during and up until the end of the guarantee period and all costs related to the provision of such service/s will be for the bidders account.	
Clause G3.4	The bidder must state the number of services that will be provided during and up to the end of the guarantee period.	
Clause G3.5	Any breakdown during the guarantee period must include all cost (spares, labour, travelling and sundries) for any prescribed maintenance services (major and minor) as well as any QA testing that is required by Department Health's Radiation Control Board during the guarantee period.	
Clause G3.6	Travelling and Travelling Time costs must be included during the Guarantee Period?	
Clause G3.7	Spares that may be required during the Guarantee Period will be supplied at the expense of the bidder.	
Clause G3.8	Downtime during the Guarantee Period must extend the Guarantee time on a Day-to- Day basis.	
Clause G3.9	Any repetition (twice or more) of the same type of fault that first occurred during the guarantee period must be considered as a repair under guarantee if it occurs within the first year after the expiry of the guarantee period.	
Clause G3.10	The same guarantee conditions must apply to replacement units.	
Clause G4	The successful bidder must Supply, Deliver, Commission and install the Equipment and will be required to demonstrate the product to the applicable Staff at the Institution and costs for the abovementioned must be included in the final bid price. In case where the unit need to be simulated at a designated	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
	Simulation Site, Bidder must deliver the unit at no extra cost. Random inspection will be conducted upon delivery to verify quality against specification	
Clause G5	Bidders must offer the Health Technology Service's In House Technicians a demonstration of the product, which will enable the Health Technology Service's In House Technicians to become acquainted with the equipment during the Test and Acceptance phase.	
Clause G6	Preference may be given to a make and model that has been technically and clinically evaluated by a Government Institution within the R.S.A. (Attach proof of evaluation where applicable).	
Clause G7	The successful bidder must provide the Health Technology Service's in house Technicians, <b>full training</b> in the calibration, maintenance, service and repair of the product down to PCB Level. N.B. The quality and level of the training must be equivalent to the manufacturer's original factory training and any costs incurred to provide this training will be for the bidders account. A Certificate of Competency must be issued on completion of the training. The Training must be provided by the successful bidder to the Health Technology Services within three months from date of initial supply and delivery of the equipment to the end user.	
Clause G8	SERVICING:	
Clause G8.1	The bidder must have a well established service and repair facility in KwaZulu-Natal, to service, repair and calibrate the equipment offered. (The Health Technology Services reserves the right to inspect the premises).	
Clause G8.2	If the service is subcontracted to a local service agent, a signed copy of the letter of appointment by the bidder and acceptance by the subcontractor must be submitted with this bid / quotation. (The Health Technology Services reserve the right to inspect the premises).	
Clause G8.3	State Number of other medical equipment "Repair & Service" Agencies (excluding your Agency) represented by the subcontractor.	
Clause G8.4	Supply the Name, Address and Telephone Number/s of the Local Service Department within KwaZulu-Natal.  Please supply details as follows:	
	Company name	
	Physical Address :	
	Telephone Number/s : Fax number :	
	(The Health Technology Services reserves the right to inspect the premises).	
Clause G8.5	State if the Technician(s) are in the direct employ of the bidder or a subcontractor.	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G8.6	The bidder must supply information on the number of Technicians permanently working in KwaZulu-Natal and their names and contact Telephone Number/s must be listed (Directly employed or subcontracted) in an annexure to the bid document.	
Clause G8.7	The Technician(s) must be original equipment manufacturer trained to deal with the service, repair and calibration of the equipment quoted on.  N.B. Proof of original equipment manufacturer training must be submitted with this bid / quotation offer.	
Clause G8.8	The Institution's requirement is that a technician is available within a reasonable time (24 hours) to attend to malfunctioning equipment. The Bidder to state the technician per install base e.g. equipment ratio to technician ratio, e.g. 1 technician per 10 pieces of equipment.	
Clause G9	The bidder must Guarantee that no additional equipment will be required for the successful operation of the equipment bided for on delivery and commissioning at the customers site. A starter pack of all essential accessories and disposables must be supplied so that the unit can be put into immediate operation. The cost of the starter pack must be included in the final bid price.	
Clause G10	Optional accessories must be offered for separately on the Schedule of optional accessories found at the end of this Technical specification, indicating catalogue numbers, correct descriptions and Prices inclusive of V.A.T.	
Clause G11	Bidder must state the period of time for delivery of Spare parts following the receipt of an official order as follows: 0 to 10 days; 0 to 20 days; 0 to 30 days; 0 to 60 days; 0 to 90 days; more than 90 days.	
Clause G11.1	The Bidder must supply with this offer a list together with the quantities of spares held locally in stock in the KwaZulu-Natal Province on the offered product. The Health Technology Services reserves the right to inspect the premises to verify the spares stock held.	
Clause G12	The bidder must include a firm commitment in writing, which must be attached with this bid that they would supply spares, components, upgrades, complete original service / repair manual, technical support and ongoing training support for technical staff of the Health Technology Services and the end users Department of Health, KwaZulu-Natal throughout the life cycle of the equipment offered.  Spares must be available for 10 (Ten) years from the original equipment	
Clause G13 Clause G14	manufacturer for the product offered.  The successful bidder must include in their offer at no extra cost to the final bid price:	
Clause G14.1	Complete user Operation / Maintenance Manual x 2 (two) Book / File; CD; DVD copies in English Language.	
Clause G14.2	Complete ORIGINAL Service / Repair Manual x 2 (two) Book / File; CD; DVD copies in English Language which MUST include the following information: Fault Finding Guide, Circuit Diagrams / Schematics, Circuit Descriptions, and PCB Layouts, Calibration Guide, Part Numbers and exploded diagram of Mechanical Parts / Panels.	
Clause G14.3	All the above Manuals must be properly bound in either a Book, File or CD form.	

).	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR
NO	•	ANSWER THE QUESTION.
Clause G14.4	The Bidder must supply all software (including software-keys and / or passwords) to allow for trouble shooting (faultfinding), maintenance, calibrations, repairs and services at no additional cost.	
Clause G15	Does your Company have an after hour service back up facility.	
Clause G16	If the equipment is taken away for repairs, a loan set must be made available on request to the end user by the Institution until the Institution's unit is returned. All costs incurred for providing the loan unit must be for the bidders account.	
Clause G17	Bidder must bid on the latest model and Technology that fully compiles with this Technical Specification.	
Clause G17.1	The Bidder must state how long this technology has been commercially available (state when the model offered was launched).	
Clause G17.2	The bidder must state if there are any near future updates expected.	
Clause G18	The successful bidder must maintain a system for notifying and providing users with Updates, Modifications, new Software Releases and Recalls.	
Clause G19	The successful bidders must arrange for an acceptance test of the equipment with the Manager of the Health Technology Services and the Hospital Manager. A copy of the original answered Specification, copy of the invoice order and relevant paperwork (PH form) from the receiving Hospital must be submitted with the equipment when the ACCEPTANCE TEST is to be undertaken.	
Clause G20	Where equipment bided for, operates off 220 Volt, 50Hz a.c. supply, bidder must ensure that the product being quoted for is fitted with a 15 Amp approved mains plug top, which is held together by two screws.	
Clause G21	The unit must comply with an acceptable International Electrical Safety Intermediate such as IEC 60601-1 and 60601-1-2 for Medical Equipment where the quoted equipment operates off an electrical supply.	
Clause G22	All equipment, the installation and any alteration / additions must comply with:	
Clause G22.1	The Occupational Health and Safety Act (1993);	The second secon
Clause G22.2	The wiring code S.A.N.S. 0142.	
Clause G23	Units being quoted for must be CE Certified. (Attach a copy of certification). The make and the model offered must be reflected on the certificate.	
Clause G24	The Mains Cable of the unit being quoted for must be the Hospital Grade Type and it must be a minimum length of (3) three metres.  N.B. The mains cable of the unit being quoted for must be S.A.N.S. colour coded.	
Clause G25	The equipment being quoted for must be protected against Electro magnetic Interference.	
Clause G26	Only new equipment must be quoted for. Refurbished and reconditioned equipment being quoted on will not be accepted.	
Clause G27	Bidders must note that dedicated test equipment, spare parts and any special tooling required for the upkeep and maintenance of the equipment quoted on must be available to the Health Technology Services to procure if requested.	
Clause G28	All the necessary calibration and maintenance software, where applicable, required	

1		BIDDERS COMMENTS:
NO	SPECIFICATION	STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
	to maintain and calibrate the equipment, must be supplied with the equipment to the Health Technology Services at no extra cost to the final bid price.	
Clause G29	NB. HAZARDOUS SUBSTANCE ACT:	
Clause G29.1	If this type of equipment / apparatus appears on the schedule of Hazardous Substances issued by the Directorate: Health Technology of the Department of Health, a license in terms of the Act on Hazardous Substances (Act. 15/1973) must be submitted with this bid document. The license must be registered under the bidders name or a letter of joint venture must be submitted by the license holder where the license is not in the name of the bidder. Bidders that neglect to submit a license will not be considered.	
Clause G29.2	Bidder must state the Radiation Control licence number of the make and model of equipment offered.	License No:
Clause G29.3	Where it has been established by the bidder that the equipment offered does not require Radiation Control licence, proof from the Radiation Control authority must be submitted with this bid document.	
Clause G30	The system offered must comply fully with or exceed all of the minimum specification requirements per the Technical Clauses.	
Clause G31	The offer submitted must be supported by descriptive literature, colour pamphlets, colour brochures and technical data sheets applicable to the offer (i.e. supporting information for all components of the system) must accompany the bid, failing which the bid will not be considered.	
Clause G32	The equipment and any accessories ordered from the successful bidder will be delivered, installed, tested, calibrated, demonstrated (including specified training) and commissioned in the specific Hospital at the expense of the successful Bidder, prior to full payment being made.	
Clause G33	All prices are to include V.A.T. and must be quoted in the South African currency.  The price must be valid for a period of 180 days from closing date of bid.	
Clause G34	If the product offered is unknown to the Department, the Department reserves the right to have the unit evaluated by a team of Technical and Clinical experts with regards to its functionality, performance and quality. The decision of this committee will be used as a motivation for the evaluation and recommendation of the bid. For this reason a demonstration unit must be readily available, or the bidder must take arrange for demonstration with representatives of the Department for the equipment	
	offered at a site within South Africa where a same make and model of unit is installed and is in full clinical operation. The cost of this site visit is for the account of the bidder and it must therefore not place any obligation on the Department to procure from the bidder.	
Clause G35	The Institution requesting the unit reserves the right to clinically trial and evaluate the unit in order to ensure that the unit meets the clinical requirements of the Department before adjudication of the bid.	
Clause G36	UPGRADEABILITY WHERE APPLICABLE:	
Clause G36.1	Bidders are to state the policy with regard to future software updates and the costs that will be involved.	
Clause G36.2	The Bidder to state what hardware and software will be available, with costs and projected dates.	
Clause G37	UPGRADE POLICY:  H.T.S. A86 High Flow Oxygen Delivery Device	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G37.1	All future upgrades (hardware and software) involving patient safety must be offered at no additional cost.	
Clause G37.2	All future upgrades removing software viruses from existing software must be supplied at no cost.	
Clause G37.3	Any upgrade before or after installation of the equipment involving additional cost must be brought to the attention of the Manager, Health Technology Services.	
Clause G38	The Bidder must indicate the expected life of their offered unit and software in years.	

# TECHNICAL SPECIFICATION.

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
Clause T1	A bid is called for the supply, delivery and commissioning of a <b>High Flow Oxygen Delivery Device</b> , which comprises the latest Technology with proven performance and reliability	
Clause T2	State the name and model of the unit on offer	
Clause T3	i) The device must be capable of delivering high flow oxygen that is both heated and humidified and suitable for Adult and Paediatric patients  ii) For use in Emergency rooms, Theatre, POPD and ICU's  iii) The unit must incorporate patient safety features and the bidder must specify all the patient safety features built into the unit being quoted for.  iv) The device must be able to deliver humidified gases to a patient via the following routes:  • nasal route, • tracheostomy	i) ii) iii) iv)
	mask interface	
Clause T4	System components:  The following components must be offered and must be included in the tender price.  i) The device must have a graphical display menu to allow for easy machine setup and use  ii) Humidifier  iii) Flow generator/ Blender  iv) Oxygen sensor  v) Heated breathing circuit  vi) Trolley with castors  vii) Accessories for nasal/ mask/ tracheal administration	i) ii) iii) iv) v) vi) vii)
Clause T5	Construction:	l a
	<ul> <li>i) The unit must have a sturdy and robust construction</li> <li>ii) There must be no sharp corners or sides that may cause injury to patients and staff.</li> <li>iii) The unit must be portable and fitted with on a trolley/ with castors in order to enable easy mobility of the unit from one area to another.</li> <li>iv) The castors / wheels must be equipped with brakes.</li> <li>v) The dimensions of the humidifier and flow generator unit must be no more than: <ul> <li>30cm Height</li> <li>20cm Width</li> <li>20cm Depth</li> <li>Weight ≤ 4.0Kg</li> </ul> </li> </ul>	i) ii) iii) iv) v) • •
Clause T6	i) The unit must be fitted with an ON / OFF switch, it must be able to operate off the 220 Volt + 10%, 50-60Hz, single phase a.c. supply.  The unit must provide visible indication to indicate when the unit is switched ON	i) ii)
Clause T7	Oxygen flow  i) The device must allow for an oxygen fraction range of up to 100%  ii) The device must contain an oxygen sensor with alarms that inform the user of	i)   ii)

NO	SPECIFICATION	STATE YES OR NO Give information or values where appropriate. Supply information on a separate sheet if space provided is inadequate.
<u> </u>	high and low oxygen delivery states  The device must be able to provide the following range of oxygen flow rates:  a minimum rate of 2 litres/ minute  a maximum rate of 60 litres/ minute  iv) The change in oxygen flow rate must be able to be changed by increments of	iii) • • iv)
	between 1 and 5 litres/ minute	
Clause T8	i) The device must comply with ISO 8185: 2007 standards for active humidification devices.	i)
	ii) The device must be able to achieve the following parameters  • A temperature of 33+/- 2 degrees Celsius	ii)   •
	<ul> <li>Relative humidity of 100%</li> <li>A water vapor level of 44 milligrams/litre</li> </ul>	•
	iii) The device must have an alarm to indicate when water has run out in the humidifier	iii)
Clause T9	ACCESSORIES	3
	i) The unit must be supplied with the necessary accessories in order that it can be put into use immediately in Paediatric patients	i) 
	ii) Include details of cost as well as catalogue numbers of accessories included in the bids price	ii)
	iii) Optional accessories and consumables must be listed (cost and catalogue numbers) in the schedule at the end of this specification.	iii)
	iv) A pack of 10 (each) small, medium and large Nasal cannula must be supplied as part of the bid	iv)
Clause T10	GUARANTEE / WARRANTY	
Clause 110	i) The bidder must provide a minimum of 24 month warranty / guarantee period for the unit offered.	i)
	ii) A longer period of warranty will be an advantage	ii)
Clause T11	MAINTENANCE AND SERVICE AGREEMENT	
Jiaaoo III	<ul> <li>i) A fully costed COMPREHENSIVE MAINTENANCE AND SERVICE         AGREEMENT for a period of 5 years (that will commence upon termination of         the guarantee / warranty period) must be supplied with the bid.</li> </ul>	i)
	<ul><li>ii) The agreement must be renewable/renegotiable</li><li>iii) The service agreement may or may not be entered into.</li></ul>	ii) iii)

# SCHEDULE OF OPTIONAL ACCESSORIES

Bidders must quote the price of the optional accessories listed as well as any other accessories that may be useful to the end users. The receiving Institutions may purchase individual accessories necessary for their particular Institution.

Cat No	Item	Price including VAT

# SCHEDULE OF CONSUMABLES

Bidders must quote for consumables that are used with the system offered. Bidders must also indicate if these consumables need to be compatible with the system offered or whether generic consumables can be utilised with the system offered.

Cat No	Item	Price including VAT
-		

# DETAILED TECHNICAL SPECIFICATION

# GENERAL INFORMATION REQUIRED

# FAILURE TO COMPLETE THIS PART WILL DISQUALIFY THE BIDDER

Make:		
Model Number / Part Number for:		
Country of Origin		
Final Bid / Quotation Price inclusive of V.A.T.		
Final Type 'A' Annual Service Agreement cost fixed o	ver a five year period with no escalations.	
Local (K.Z.N.) Agent		
Delivery Period		
R S A Import Permit Holder		
BIDDER		
SIGNATURE	DATE	
ADDRESS		
TELEPHONE NO.	FAX NO	
CONTACT PERSON(PLEASE PRINT)		

Signature:	To the state of th					
Signature:						
2.		Name:	***************************************	and the state of t	_	7NO No · \$2/
Yes / No	filed by Asset Controller?	Is a copy of NSI filed by A		Date:	(	Level:
Yes / No	llable on Surplus Stock?	ls the Asset available on Su		Signature:	12400	Name: 512
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Date: 17, 8-902)	C	Designation	2000	Date:	<b>⊘</b> //	Designation
88 MM.	VOXN-5X	Full Name and Signature		NORT	0770	Full Name and Signature
Chairman C.F.C. to complete hereunder. Furchase/Repair approved. SCM stati to adhere to SCM prescripts. (Specification Committee) (Demand) (Acquisition) (BEC, BAC)	ete hereunder. Purchase/I is. (Specification Committ	5. Chairman C.F.C. to comple to adhere to SCM prescript	2	onsibility Manager	nance Manager/Resp	4. Funds are available Finance Manager/Responsibility Manager
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	J		***************************************	NCE FUNCTION)	PENDITURE (FINA	3. ALLOCATION OF EXPENDITURE (FINANCE FUNCTION)
te13/08/2020	Date.	Signature	mbu .	Dr E Mthembu	risor Full Name:	1 Decommended / Supervisor Full Name:
te 13/08/2020	) Date	Signature	1	Full Name:Dr R Bhoola	Full	1. Requisitioner
LIFE SUPPORTTING EQUIPMENT	-   , -	REQUIRED FOR Respiratory Distress and Oxygen therapy for Paediatric COVID Patients - essential for Paediatric COVID Patients Oxygen Therapy	VID Patients - essential	en therapy for Paediatric CO	ry Distress and Oxyge	EQUIRED FOR Respirator
		1. WHY IS IT ESSENTIAL AND IN THE BEST INTEREST OF THE DEPARTMENT/INSTITUTION TO BUY/REPAIR THE ITEM? (If the item is available on contract approval must be given by the CFO for the item to be procured outside of the contract)	EPARTMENT/INSTITUTE for the item to be procui	T INTEREST OF THE DImust be given by the CFO	L AND IN THE BES n contract approval	WHY IS IT ESSENTIAI (If the item is available or
R320 000 (4 X+/- R80 000)	4	OVID Paediatric Patients -	Oxygen Therapy for Co	High flow nasal oxygen (HFNO) Machines ESSENTIAL FOR Oxygen Therapy for COVID Paediatric Patients SPECIFICATION: H.T.S. NO. A86 (ANAESTHETICS)	jen (HFNO) Maci NO. A86 (ANAEST	igh flow nasal oxyg PECIFICATION: H.T.S.
(2) Demand Function Estimated Cost	Qty Required				service/repair	1. Full Description of item/service/repair
nagement	7. Acquisition Management	e	3. Finance			Req. No:
rent		2. Demand Management	2. Deman		0333954175	Tel. Number:
n	5. Chairperson CFC	<ol> <li>Applicant and the applicants supervisor</li> </ol>	1. Applic	Ward 6M	Paediatrics / V	Name of Office/Work:
4. Finance Manager/Responsibility Manager	4. Finance Manager	(To Be Completed by)	(To Be Co	Naidoo	Dr Bhoola/Dr Naidoo	1. Requisitioner: Name:
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1 delagations)	e can be found in the SCA	ST DECKIESTA (The definition of a case can be found in				Department:



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### INTERNAL MEMO

H McKerrow Paediatrics & Child Health

Subject: PROCUREMENT OF RESPIRATORY EQUIPMENT FOR CHILDREN WITH COVID-19

Dear Colleagues

The memorandum 440/2020, from Dr TD Moji, dated 15 July refers.

Dr Moji requests that all facilities procure, within their delegations, the necessary equipment that could save the lives of patients with COVID-19.

With respect to children the following equipment is recommended:

 Pulse oximeter – for monitoring oxygen saturations and the need for and response to various modalities of supplementary oxygen.

A pulse oximeter with non-invasive blood pressure is available on the RT2 period tender – item code 42272501-00001.

This item must be procured with paediatric BP cuff (-00006) and paediatric SpO₂ sensor (-00011).

All options available on the RT2 tender are suitable.

Minimum requirement:

2 per children's ward in a district hospital;

4 per children's ward in regional and tertiary hospitals.

 High flow nasal oxygen (HFNO) – for the delivery of supplementary oxygen to children who cannot maintain oxygen saturations >92% in 60% oxygen.

Recommended need:

2 per children's ward in a district hospital;

4 per children's ward in regional and tertiary hospitals.

There is no suitable item on the RT2 tender.

Specifications for a paediatric HFNO machine that does NOT require medical air can be obtained from HTS.

Regards

**Prof NH McKERROW** 

Head: Paediatrics & Child Health

