

Quotation Advert

Opening Date: 2019-11-13

Closing Date: 2019-11-20

Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Ngwelezane hospital

Province: KwaZulu-Natal

Department or Entity: Department of Health

Division or section: Central Supply Chain Management

Place where goods / services is required NGWELEZANE HOSPITAL, THANDUYISE RD, EMPANGENI 3880

Date Submitted 2019-11-12

ITEM CATEGORY AND DETAILS

Quotation Number: ZNQ:
A162/19-20

Item Category: Goods

Item Description: ELECTROMYOGRAPHY AND NERVE CONDUCTION SHIDIES PORTABLE MACHINE

Quantity (if supplies) 01 UNIT

COMPULSORY BRIEFING SESSION / SITE VISIT

Select Type: Not Applicable

Date :

Time:

Venue:

QUOTES CAN BE COLLECTED FROM: NGWELEZANA HOSPITAL STORES (SCM DEPARTMENT)

QUOTES SHOULD BE DELIVERED TO: NGWELEZANA HOSPITAL TENDER BOX NEXT TO OPD

ENQUIRIES REGARDING THE ADVERT MAY BE DIRECTED TO:

Name: N.S MNGOMEZULU/ N.Z DLADLA

Email: nomathandazo.mngomezulu@kznhelath.gov.za

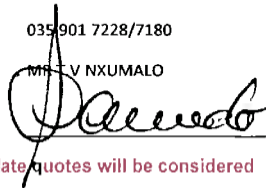
Contact Number:

Finance Manager Name:

035 901 7228/7180

MR T V NXUMALO

Finance Manager Signature:



A handwritten signature in black ink, appearing to read 'T V Nxumalo', is written over a horizontal line. The signature is stylized and cursive.

No late quotes will be considered



Health

Department:
Health
PROVINCE OF KWAZULU-NATAL

NGWELEZANA HOSPITAL

ZNQ – A : 162/19-20

**ITEM: ELECTROMYOGRAPHY AND NERVE CONDUCTION SHIDIES
PORTABLE MACHINE**

Closing Date & Time : 20 NOVEMBER 2019 @ 11 A.M
Contract Period : ONCE OFF
Validity Period : 60 DAYS
Contact Person : NZ DLADLA/ N.S MNGOMEZULU
Telephone no. : 035 901 7228/7180

DOCUMENTS MUST BE DEPOSITED IN THE QUOTATION BOX SITUATED IN:

THANDUYISE ROAD,NGWELEZANA TOWN SHIP EMPANGENI,3880	THE QUOTATION BOX IS AVAILABLE ON THE FOLLOWING DAYS AND TIMES: MONDAYS TO FRIDAYS 07:30 - 16:00
--	--

COMPULSORY DOCUMENTS TO BE ATTACHED. (INDICATE WITH A TICK) FAILURE TO ATTACH DOCUMENTS WILL LEAD TO DISQUALIFICATION AND NO BEE PREFERENCE POINTS WILL BE ALLOCATED WHERE AN ORIGINAL OR CERTIFIED BEE CERTIFICATE IS NOT ATTACHED:

ORIGINAL AND VALID TAX CLEARANCE CERTIFICATE

CERTIFIED COPY OF A VALID B-BBEE CERTIFICATE

NB: ORIGINAL TAX CLEARANCE AND BBBEE CERTIFICATE MAY BE ATTACHED TO ONE ZNQ DOCUMENT WHICH IS CLOSING ON THE SAME DATE AND COPIES OF TAX CLEARANCE & CERTIFIED B-BBEE CERTIFICATE MAY BE ATTACHED TO THE OTHER DOCUMENTS. PLEASE INDICATE THIS ZNQ NO: WHERE ORIGINALS ARE ATTACHED. ZNQ-A:

NAME OF TENDERER: _____

**CENTRAL SUPPLIERS DATABASE REGISTRATION (CSD)
NO.:** _____

STANDARD QUOTE DOCUMENTATION SUPPLY CHAIN MANAGEMENT OVER R30 000.00

YOU ARE HEREBY INVITED TO QUOTE FOR REQUIREMENTS AT: NGWELEZANA HOSPITAL
DATE ADVERTISED: 13/11/2019 CLOSING DATE: 20/11/2019 CLOSING TIME: 11:00
FACSIMILE NUMBER: 035 794 1905/1015 E-MAIL ADDRESS: nomathandazo.mngomezulu@kznhealth.gov.za
PHYSICAL ADDRESS: THANDUYISE ROAD, NGWELEZANA TOWNSHIP, EMPANGENI 3880

ZNQ NUMBER: A162/19-20
DESCRIPTION: ELECTROMYGRAPHY AND NERVE CONDUCTION SHIDIES PORTABLE MACHINE
CONTRACT PERIOD: ONCE OFF (if applicable) VALIDITY PERIOD 60 Days SARS PIN:

CENTRAL SUPPLIER DATABASE REGISTRATION (CSD) NO. [Grid]

UNIQUE REGISTRATION REFERENCE [Grid]

DEPOSITED IN THE QUOTE BOX SITUATED AT (STREET ADDRESS)
THANDUYISE ROAD, NGWELEZANA TOWNSHIP, EMPANGENI 3880
(NEXT TO PATIENT ADMITTING PASSAGE)

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 CODE.....NUMBER..... FACSIMILE NUMBER CODE.....NUMBER.....
CELLPHONE NUMBER
E-MAIL ADDRESS
VAT REGISTRATION NUMBER (If VAT vendor)

HAS A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE BEEN SUBMITTED? (SBD 6.1) YES NO

[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]

DECLARATION OF INTEREST

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

4 DECLARATION

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

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

.....
Name of bidder	Signature	Position	Date

¹"State" means –

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

²"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 disqualified from the evaluation process.

- (i) The institution has determined that a compulsory site meeting take place
- (ii) Date / / Time : Place

Institution Stamp:	Institution Site Inspection / briefing session Official Full Name: Signature: Date:
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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** (here 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:
 - (i) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract,
 - (ii) if the supplier fails to perform any other obligation(s) under the contract; or
 - (iii) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 14.2. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services.
- 14.3. Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

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

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

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

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

1. GENERAL CONDITIONS

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

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

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

1.3 Points for this quote shall be awarded for:

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

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

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

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

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

2. DEFINITIONS

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

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

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

- 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

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

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

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

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

7. SUB-CONTRACTING

(Tick applicable box)

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

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

7.1.1 If yes, indicate:

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

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

(Tick applicable box)

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

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

Designated Group: An EME or QSE which is at last 51% owned by:	EME	QSE
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. **DECLARATION WITH REGARD TO COMPANY/FIRM**

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

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 **TYPE OF COMPANY/ FIRM [TICK APPLICABLE BOX]**

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

9.5 **DESCRIBE PRINCIPAL BUSINESS ACTIVITIES**

.....
.....

9.6 **COMPANY CLASSIFICATION [TICK APPLICABLE BOX]**

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

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

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

<p>WITNESSES</p> <p>1.</p> <p>2.</p>

<p>.....</p> <p>SIGNATURE(S) OF BIDDERS(S)</p> <p>DATE:</p> <p>ADDRESS:.....</p> <p>.....</p> <p>.....</p>

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Features:

- Highly reliable
- Superb performance
- Effective results

81% Response Rate

Specifications:

- Widely used in clinical and biomedical applications
- Power source: Electric

[View Complete Details](#)

Product Details

Product Specification

Product Description

With the assistance of our talented team of professionals, we are providing a high quality range of **EMG NCV Machine**.

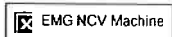
Features:

- Highly reliable
- Superb performance
- Effective results

Specifications:

- Widely used in clinical and biomedical applications
- Power source: Electric

Product Image



Get in Touch with us

Columbia Medical Systems

Amitava De
 AB-240, Salt Lake City
 Kolkata - 700064 West Bengal, India
[Get Directions](#)

<https://www.indiamart.com/columbiamedicalsystems>

Call 08048759198

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- Common Mode Rejection Ratio: $\geq 110\text{dB}$;
- Input Impedance: $\geq 1000\text{M}\Omega$;
- Noise Voltage: $= 0.4\mu\text{V}$ (RMS);
- Resistance to Polarization Voltage: At $\pm 300\text{ mV}$ DC polarization voltage, bias is $\leq 5\%$.

EMG/NCV



System Key Features:

- Pre-amplifier operable with up to 4 EMG channels
- High signal quality with USB data transmission, shielding the signal from power line interference
- Consists of 3 standard EMG modules and 8 NCV modules
- Easy-to-understand illustrations of electrode placements, stimulation positions and standard waveforms
- Easy access to waveform data comparison
- Ability to review and generate report for past cases

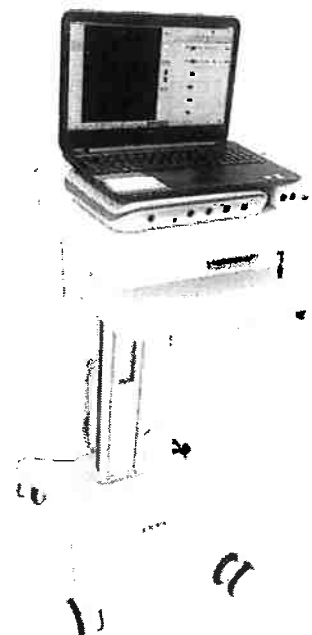
Nerve Conduction Velocity (NCV)

- Waveform caching function enables saving of multiple waveforms with the same examination point
- Screen display of individual F-wave, H-wave and overlay
- Display of latency and amplitude values with measurement lines for easy reference

System Parameters:

A. Amplifier Parameters

- Display Sensitivity: $0.05\mu\text{V}/\text{div} \sim 20,000\mu\text{V}/\text{div}$, $\pm 10\%$ error. No precision requirements below $50\mu\text{V}/\text{div}$.
- Frequency-Amplitude Characteristics: $0.2\text{Hz} \sim 10\text{ kHz}$, error is $+10\% \sim -50\%$ between $0.2\text{Hz} \sim \leq 0.5\text{Hz}$, and error is $+5\% \sim -30\%$ between $>0.5\text{Hz} \sim 10\text{ kHz}$.
- Scan Speed: $1\text{ms}/\text{div} \sim 5000\text{ms}/\text{div}$; error = $\pm 10\%$;
- High-Pass Filter: $10\text{Hz} \sim 20,000\text{Hz}$; error = $+10\% \sim -30\%$;
- Low-Pass Filter: $0.1\text{Hz} \sim 5000\text{Hz}$; error = $+10\% \sim -30\%$.
- Common Mode Rejection Ratio: $\geq 110\text{dB}$;
- Input Impedance: $\geq 1000\text{M}\Omega$;
- Noise Voltage: $= 0.4\mu\text{V}$ (RMS);
- Resistance to Polarization Voltage: At $\pm 300\text{ mV}$ DC polarization voltage, bias is $\leq 5\%$.



B. Current Stimulation Parameters

- Current Pulse Output Intensity: Maximum output 100mA; at 0mA ~ 4mA, step difference is 0.01mA. Error = ±10%;
- Pulse Output Frequency: 0.1Hz ~120Hz, error = ±10%;
- Target Pulse Width: 50µs, 100µs, 200µs, 300µs, 500µs, 1000µs; error = ±10%;
- Stimulus Direction: Positive, Negative, and Two-Way.

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CONTACT US

NEUROSTYLE PTE LTD

63 Hill View Ave, #08-08,
Singapore 089569

(65) 6563-2678

info@neurostyle.biz

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© 9:00-18:00 SGT

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REVISED: 03/08/2016

PROVINCE OF KWAZULU-NATAL

DEPARTMENT OF HEALTH

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

SPECIFICATION FOR:

UMDNS: 11474

ELECTROMYOGRAPH

SPECIFICATION: H.T.S NO. E171 (ELECTRONICS)

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G8.5	State if the Technician(s) are in the direct employ of the bidder or a subcontractor.	
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.	
Clause G13	Spares must be available for 10 (Ten) years from the original equipment manufacturer for the product offered.	
Clause G14	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.	

NB: GENERAL CLAUSES THAT DO NOT APPLY TO THE EQUIPMENT OFFERED MUST BE ANSWERED "COMPLIES", "DOES NOT COMPLY" OR ANSWER THE QUESTION UNDER BIDDERS COMMENTS.

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G1	<p>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.</p> <p>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.</p> <p>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.</p>	
Clause G2	All responses must be clear and legible.	
Clause G3	GUARANTEE:	
Clause G3.1	<p>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.</p> <p>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.</p>	
Clause G3.2	State percentage guaranteed up time of machine (Should be at least 99%).	
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.	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
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.	
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, full training 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 reserves 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	<p>Supply the Name, Address and Telephone Number/s of the Local Service Department within KwaZulu-Natal.</p> <p>Please supply details as follows:</p> <p>Company name : _____</p> <p>Physical Address : _____</p> <p>_____</p> <p>Telephone Number/s : _____</p> <p>Fax number : _____</p> <p>_____</p> <p><i>(The Health Technology Services reserves the right to inspect the premises).</i></p>	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G14.3	All the above Manuals must be properly bound in either a Book, File or CD form.	
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 complies 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 Standard 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);	
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	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
	requested.	
Clause G28	All the necessary calibration and maintenance software, where applicable, required 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 <u>not</u> 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 <u>experts</u> 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 within 14 days, or the bidder must take arrangement 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:	

NO	SPECIFICATION	BIDDERS COMMENTS: STATE "COMPLIES" OR "DOES NOT COMPLY" OR ANSWER THE QUESTION.
Clause G37.1	All future upgrades (hardware and software) involving <u>patient safety</u> 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.

Clause T1

This specification establishes the requirements, supply, delivery, end user training, demonstration, commission and installation of a 4 (four) channel electromyograph, consisting of PC, Monitor (colour), Extended Keyboard, Mouse, Amplifiers, Averager, Stimulators, CD Rom, Speakers, Laser Printer, Junction Box Stand, Cart (Trolley), Operators Chair, relevant Software to run the System, A/D Converter, Pattern Reversal Monitor, LEG Goggles and Headphones.

Clause T2

The Mainframe must meet the following requirements:

Clause T2.1

PC Unit with Full Extended Keyboard and Mouse.
Processor: Intel Pentium III 450 MHz or better.
The Hard Disk: At least 6 G/bytes or better.
CD Rom Drive.
Memory: 64 M/bytes.
64 Bit Video Card (2M/byte VRAM).
Windows Based Software.
Operation Panel Unit.
System Disk.
Cart (Trolley).
Junction Box Stand.
At least 4 (four) Channel Junction Box.
Program Software.
Colour Monitor 17".
Laser Printer.

BIDDER'S COMMENTS:

Clause T3

The Amplifiers must meet the following requirements:

Clause T3.1

At least 4 (four) Amplifiers.

Clause T3.2

Input impedance: 1000 Mohms / channel.

Clause T3.3

Noise: 0.6 uV rms (1Hz – 10KHz or less).

Clause T3.4: Sensitivity:

1, 2, 5, 10, 20, 50, 100, 500 uV/div.
1, 2, 5, 10 Mv/div \pm 5%.

Clause T3.5: Low-cut Filter:

0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500 Hz.
1, 2, 3 Hz (6dB/Oct [-3dB ± 20%]).

Clause T3.6: High-cut Filter:

10, 20, 50, 100, 200, 500 Hz.
1, 2, 3, 5, 10, 20 KHz (12 dB/Oct).

Clause T3.7: Electro-to-skin impedance check:

2, 5, 10, 20 Kohms.

Clause T3.8: Amplitude Calibration:

1, 10, 100 uV.
1, 10 mV

Clause T3.9: AC Filter:

50, 60 Hz (Rejection ratio less than 1/20).

Clause T4: The Averager must meet the following requirements:

Clause T4.1

AD Converter: at least 16 bits.

Clause T4.2

Conversion Speed: 10 uS / channel.

Clause T4.3: Analysis Time Base:

0.1, 0.2, 0.5, 1 S/div.
0.1, 0.2, 0.5, 1, 2, 3, 5, 10, 20, 50 mS/div.

Clause T4.4

Time Base Mode: Individual selected for each channel.

Clause T4.5

Number of averages: at least 1 to 9999.

Clause T4.6

Artifact Reject Range:

-1 to 1, -2 to +2, -3 to +3, -4 to +4, -5 to +5 div or off.

Clause T5: The Display must meet the following requirements:

Clause T5.1

Waveform Display Mode: Monitor Sweep and Average.

Clause T5.2

Cursors: at least 2 (two) time / amplitude.

Clause T5.3

Scale: 5, 10, 15, 20 div.

Clause T5.4

Grid: Line, Dot and Off.

Clause T5.5

Resolution: 1280 x 1024.

Clause T6

The Stimulators must meet the following requirements:

Clause T6.1

Trigger Mode: Recurrent, Random and Foot Switch.

Clause T6.2

Stimulation Mode: Single, Double and Train.

Clause T6.3

Stimulation Ratio:

0.1 to 0.9 Hz in 0.1 Hz steps.

1 to 10, 13, 15, 17 Hz in 1 Hz steps.

20 to 100 Hz in 10 Hz steps.

Clause T6.4

Auditory Stimulator:

Clause T6.4.1

Number of Outputs: at least 1 (one).

Clause T6.4.2

Output Type: Headphones.

Clause T6.4.3

Stimulation Mode: Click, Tone and Burst.

Clause T6.4.4

Stimulation Polarity: Condensation, Rarefaction and Alternating.

Clause T6.4.5

Stimulation Intensity: 0 to 135 dB.

Clause T6.4.6

Contra-lateral White Noise Masking:

0, -10, -20, -30, -40, -50 dB or off.

Clause T6.4.7

Click Pulse Duration:

0.1, 0.2, 0.3, 0.5, 1 mS.

Clause T6.5

Visual Stimulator: Pattern Reversal Monitor (size at least 17").

Clause T7

The Software must be capable of the following:

Clause T7.1

Motor Unit Potentials Pattern Recognition.
Turns / Amplitude Analysis.
Single Fibre **EMG**.
Macro **EMG**.
Quantitative **EMG**.
Autonomic Nervous System Test Software.
Compression **EMG** for Tremor Measurements.
Automatic **MUP** Pattern Recognition Algorithm.
Measuring of Potential Duration.
Slope = Rise Time.
Firing Rate = **MUP** Discharge Frequency Amplitude.

Automatic **NCV** Evaluation, Latency, Latency Difference, Decrement, Amplitude, Calculation of Area and Interpretation.
Motor and Sensory **NCV**, **CTS**, Blink Reflex, Myostenia, F Wave, T Reflex, Collision Test and Refraction, Period Measurements and Repetitive Stimulation.
Auditory Brainstem Responses.
Middle Latency Response.
Slow Vertex Response.
Electro-cockleogram.
Customizable Auditory Protocol.
Somatosensory Evoked Potential (**SSEP**).
Short Latency (**SSEP**).
Evoked Spinal Cord Potentials.
Customizable Somatosensory Protocol.
Visual (**VEP**) Pattern, Flash, Goggles and External.
Electro-retinogram.
Electro-oculogram.
Customization of Visual Protocol.

Clause T8

The unit must operate off 220 Volt \pm 10%, 50Hz, single phase a.c. supply and it is desirable that it is fused in the **LIVE** or **BOTH LIVE and NEUTRAL**.

Clause T9

The bidder must specify all the standard accessories that will be supplied with the quoted unit at no extra cost. A list of all optional accessories, clearly stating the price thereof, must also be submitted by bidders.

Clause T10

Should a video/VCD/DVD on the operation of the unit be available it must be offered with the item.

Clause T11

The bidder must undertake to quote on all accessories that will be required in order that the unit could be put into operation immediately after delivery.

Clause T12

GUARANTEE / WARRANTY

The bidder must provide a minimum of 24-month warranty / guarantee period for the unit offered.

Clause T13

MAINTENANCE AND SERVICE AGREEMENT

Upon termination of the guarantee / warranty period the bidder must provide a fully - costed **FULLY COMPREHENSIVE MAINTENANCE AND SERVICE AGREEMENT** for a period of 5 years to commence upon termination of the guarantee / warranty period with an option to enter into a renewable agreement.

SCHEDULE OF ACCESSORIES

Bidders must quote the price of the 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 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

DETAILED TECHNICAL SPECIFICATION

GENERAL INFORMATION REQUIRED

FAILURE TO COMPLETE THIS PART WILL DISQUALIFY THE BIDDER

Make: _____

Model Number / Part Number for: _____

Country of Origin _____

Delivery Period _____

R S A Import Permit Holder (License No) _____

Bidder _____

Signature _____ Date _____

Address _____

Telephone No _____ Fax No. _____

Contact Person _____
(Please Print)



health

Department:
Health
PROVINCE OF KWAZULU-NATAL

Specifications Template

Prepared by:

Initial and Surname	Designation	Signature	Date
T.C. Nkoyane	Head Clinical Department		1/07/2019

Reviewed by Supervisor/Operational Manager:

Initial and Surname	Designation	Signature	Date
RS MOKETSI	SRUK MANAGER MEDICAL SERVICES		02/7/19.

Item details	Specification
Item description	EMG / NCV
Size	L 310 x W 250 x H 55
Colour	Black
Material	
Packaging (unit/box)	
Functionality/performance	Support 1280 X 900, 1280 x 1024
Purpose	Nerve conduction studies / EMG
Other:	

Approved by specifications committee chairperson:

Initial and Surname	Portfolio	Signature	Date

S.E.T. ENGINEERING AND BUILDING

SUPPLIES CC

V.A.T. NO: 4280188279

PHONE: 5071938
FAX : 5071938
CELL : 0825466488

26.08.2019

REG. NO: CK 2000/011286/23

P.O. BOX 131
MOUNT EDGECOMBE
4300

To: Ngwelezana Hospital

Attention: Nonhanhla

Re: Order No. D 0329433 – Carlon Chemical

This letter serves to advise you that we have made an error in our quotation. The correct price should have been R14490.00 Total Inclusive of VAT. We suggest that this item be cancelled as we will not be able to supply the chemical at the quoted price.

Regards



Shan Ganess