

## OFFICE OF THE DEAN & PRINCIPAL, MAHARAJA KRISHNA CHANDRA GAJAPATI MEDICAL COLLEGE, BRAHMAPUR.760 004, GANJAM, ORISSA.

\*\*\*

NO. チリム /MCB-19/Welfare/ Berhampur dated the

5+4 November,2019

#### **TENDER CALL NOTICE**

Sealed Tender are invited from the Registered, Rate Contract holding firms having valid GST Registration for supply of "Equipment/Instrument" to different Department so as to reach in the office of the undersigned within 21 days from the date of publication of the advertisement following the terms & conditions. The detailed Tender Paper, Terms & Conditions along with list of articles to be supplied can be obtained from the Office of the Undersigned on payment of Rs.2000/- cash (non-refundable) at the Accounts Section. The details are also available in the website, <a href="https://www.mkcgmch.org">www.mkcgmch.org</a>

E.O.M

Dean & Principal, MKCG Medical College, Berhampur

#### **TENDER DOCUMENT FOR**

# "Supply of Instrument/Equipment for Different Department of MKCG Medical College Hospital " OFFICE OF THE DEAN & PRINCIPAL,

MKCG MEDICAL COLLEGE, BERHAMPUR ODISHA

Tel: (0680)-2292746

E-Mail:mkcgmc.bam@gmail.com,

Price: Rs.2000/-

(Those who download the tender document from Website <a href="www.mkcgmch.org">www.mkcgmch.org</a> & should enclose a DD for Rs.2000.00 towards cost of tender paper)

DATE OF PUBLICATION IN THE NEWS PAPER:**7-11-2019**LAST DATE FOR SUBMISSION OF TENDER:- 2**7-11-2019 BY 4.30 P.M** 

DATE OF OPENING OF TECHNICAL BID: 27-11-2019 AT 5 P.M

DATE OF OPENING OF FINANCIAL BID: 29-11-2019 AT 5 P.M.

## TENDER PAPER TERMS AND CONDITIONS.

- 1. The sealed tenders should be super scribed as Tender for "supply "Instrument/Equipment for Pathology//Skin&VD//Biochemistry//Neurology Department of MKCG Medical College, Berhampur" are to be submitted by Regd. Post/Speed Post/Courier service only so as to reach in the Office of the Dean & Principal, M.K.C.G. Medical College, Berhampur-4 on or before 21 days by 4.30 P.M from the date of publication of the Tender Call Notice in the news paper. The tenders received beyond the scheduled time and date will not be considered under any circumstances & will be returned in original sealed cover. The Tender should be of double bid system i) Technical Bid & ii) Price Bid in two sealed covers duly super scribed as Technical Bid & Price Bid and be submitted with one sealed cover. Those who download the tender document from website www.mkcqmch.org should enclose a DD of Rs.2000/cash (non-refundable) in favour of the Dean & Principal MKCG MCB payable at SBI MCC Branch, Berhampur.
- 2. The sealed tenders submitted by the tenderers shall be opened by the Purchase Committee of office of the Dean & Principal, M.K.C.G. Medical College, Berhampur in his Office Chamber in the presence of either the tenderers or his /their authorized representatives who should remain present at the scheduled date and time with proper authorisation. If any tenderer or his / their authorized representative fails to turn up at the time of opening of the tenders that will not bar to the authorities from opening the tenders or carrying on subsequent tendering procedures.
- 3. The tender should be clearly typed / computerized without any correction, interpolation and over-writing etc. and each page of the tender should bear the dated signature of the tenderer. Correction/over writing or interpolation of any entry should be attested by the tenderers failing which the tender for the relevant item or items shall not be taken in to consideration.
- 4. The rates quoted against each item should be F.O.R/CIF M.K.C.G. Medical College, Berhampur, Dist- Ganjam, Odisha.
- 5. The rates should be inclusive of all taxes,
- 6. The tender should be valid for 3 years from the date of finalization of the tender procedure.
- 7. The prices quoted should be final and shall not be subject to any escalation during the validity period of the tender/till the purchase is over.
- 8. The tenderer should submit/furnish a certificate in the tender to the effect that price quoted by him/them is not more than the open Market Price.
- 9. The tenderer will arrange the documents like authenticated paper regarding Industrial License, N.M.I.C., C.D.E.C. and Letter of Authorization of the Principal Firm at his/their risk, responsibility and cost if any. The authorization certificate should be furnished with the quotation.
- 10. The tenderer should furnish Photostat copies of the up to date VAT, and Filling of Income tax return certificates of last three years along with money receipt in original relating to his/their firm along with the tender.

- 11. The tenderer should furnish the Earnest Money Deposit @ 2% of the Quoted Value, only in shape of Bank Draft in favour of the Dean & Principal, M.K.C.G. Medical College, Berhampur payable at M.C.C Branch Berhampur, along with the tender. The EMD will be forfeited in case, the successful tenderer fails to execute the order within the stipulated period mentioned in the Purchase Order in supply of the same.
- 12. Purchase order shall be issued in favour of the successful tenderers by Regd.Post with A.D after approval in the Purchase Committee. It is obligatory on the part of the selected firm to acknowledge receipt of the purchase order within seven days..
- 13. The successful tenderer shall replace any part or whole system as may be necessary, if found damaged on arrival at site or during installation of the system or if found not confirming to the specification at his/their cost.
- 14. The Dean & Principal MKCG Medical College Berhampur as the Authority reserves the rights to reject any tender or all tenders in part or full without assigning any reason thereof.
- 15. Documents misleading of facts are liable for rejection/cancellation of tender/purchase order and also action under Penal Provisions.
- 16. The tenders of the defaulting// Black listed suppliers will not be taken into consideration.
- 17. Supply of sub-standard items or non-performance of tender terms & conditions will disqualify a firm to participate in the tender process in future.
- 18. All legal disputes, if any relating to purchase, Installation and functioning of the system shall subject to jurisdiction of the Court situated in Berhampur, Ganjam, Odisha.
- 19. The payment to the firm shall be made after proper supply of the items on receipt of clearance certificate from the HOD Concern , that the installation of the items has been made properly and working satisfactory.
- 20. Those who will download the Tender document through the website, they are requested to deposit the value of the Tender document in shape of B.D favouring Dean & Principal MKCG Medical College, Berhampur while submitting the Tender document.
- 21. The Tenderer should submit their tender only after publication in the newspaper.
- 22. The photocopy of the first page of the Savings//Current Bank Account should be furnished.
- 23. The photocopy of the PAN card should be furnished.
- 24. The Warranty of the Item should be 5 years from the date of installation.
- 25. The cost of AMC & CMC should be shown separately for 4 years after guarantee/warranty period.
- 26. The installation and demonstration should be done on free of cost.
- 27. The firm should have adequate Engineers for servicing of the Equipment as & when required. The Service Engineer will visit at least 2times per month & inspect the Items to ascertain defects if any.
- 30. All documents submitted shall be consecutively numbered having signature with official seal of the authorized signatory on each page and total number of pages shall be mentioned on the top sheet duly authenticated by the authorized signatory. The prescribed check list should be submitted completing in all respect. (putting the page numbers in the check list)

- 31. The tendering agencies are required to enclose photocopies of the following documents (duly attested by Group "A" Gazetted Officers of the State Governments/Central Government), along with the Technical Bid, failing which their bids shall be summarily/ out rightly rejected and will not be considered any further:
  - i) EMD @ **2%** of the quoted value of Tender in shape of BD in favour of the Dean & Principal MKCG MCB.
  - ii) Registration certificate of the organization.
  - iii) Copies of authorization letter of manufacturers/ Principal firms
  - iv) Original Catalogue of the product indicating the specification & photo of the Equipment.
  - v) Copy of GST Reg. Certificate
  - vi) An affidavit in original to the effect that the firm has not been blacklisted anywhere.
  - vii) Copy of PAN Card.
  - viii)Copy of the 1<sup>ST</sup> Page of the Savings Bank Account/Current Account Pass Book
  - ix) Other document as per the technical specification of the equipment.
  - x) Copy of Filling of Income tax return certificate of last three years.
- 32. The successful tenderer will have to deposit a Performance Security Deposit of **5% of the ordered value** in the form of Bank Guarantee from only Nationalized Bank drawn in favour of the Dean & Principal, MKCG Medical college, Berhampur within two days from the date of receipt of provisional purchase order. Then only final Purchase order will be issued. The Bank Guarantee shall be returned to the firm after the Warranty/Guarantee period is over.
  - N.B.:- (1) The tenderers are requested to go through the terms and conditions thoroughly and carefully and furnish their tenders fulfilling all the requirements to avoid rejection of their tender(s).
  - (2) The documentation as required in the Technical specification should be submitted along with the technical bid failing which the bids shall be summarily/out rightly rejected.
- 33. Penalty will be imposed @ 1 % of the Ordered value, if supply will not effect within the stipulated date & time.

Dean & Principal MKCG Medical College Berhampur

|        |                       | TENDER PROI  | ORMA FOR TEC                                  | HNICAL BID  |                  |                           |   |   |
|--------|-----------------------|--|---|---|------------------|---------------------------|---|---|
| Sl, No | Name of the Equipment | Details specific<br>As per tender<br>Catalogue, Broo |   | Mfg Name<br>Brand name  | Aut              | horization                |   |   |
| 1      | 2                     | 3  |   | 4   |                  | 5                         |   |   |
|        |                       | TENDER PE  | ROFORMA FOR I                                 | PRICE BID   |                  |                           |   |   |
| SI, No | Name of the item      | Unit   | Basic Price<br>Excluding GST<br>& other taxes | Rate inclusive<br>of all taxes i.e<br>F.O.R MKCG<br>MCH, Bam. | GST<br>Rate<br>% | Cost of<br>Total<br>(5+6) | Cost of<br>A.M.C /CMC<br>for 4 years<br>Year-wise |   |
| 1      | 2                     | 3  | 4   | 5   | 6                | 7                         | 8   | 9 |

The tender will be rejected in case the firm have not filled the technical & price bid in prescribed format given above.

## TENDER FOR SUPPLY OF "EQUIPMENT/INSTRUMENT FOR DIFFERENT DEPARTMENTS OF MKCG MCB

### TENDER NOTICE NO.7142 Dt.5-11-2019 BID PERIOD: 7-11-2019 TO 27-11-2019

## LAST DATE FOR SUBMISSION OF BID:- 27-11-2019 BY 4.30 P.M DATE OF OPENING OF TECHNICAL BID:-27-11-2019 AT 5 P.M

NAME OF THE BIDDER M/S. \_\_\_\_\_ Please put ✓ in the respective box

#### **DOCUMENTS: SUBMITTED OR NOT**

| <b>(</b> T | ECHNICAL BID)   |      |          |    |  |
|------------|---|------|----------|----|--|
| 1.         | EMD @2% of the quoted value   | Page | Yes      | No |  |
| 2.         | Registration Certificate of the Organization.   | Page | Yes      | No |  |
| 3.         | Copies of authorization letter of manufacturers/ Principal firms                        | Page | Yes      | No |  |
| 4.         | Original Catalouge of the product   | Page | Yes      | No |  |
| 5.         | Copy of GST Reg.  | Page | Yes      | No |  |
| 6.         | An affidavit in original to the effect that the firm has not been blacklisted anywhere. | Page | Yes      | No |  |
| 7.         | Copy of PAN Card  | Page | Yes      | No |  |
| 8.         | Copy of the 1 <sup>ST</sup> Page of the Savings//Current                                | Page | Yes      | No |  |
|            | Bank account  |      | <u> </u> |    |  |
| 9          | . Copy of Filling of IT Return certificate of last three years                          | Page | Yes      | No |  |
| 10         | O.Other document as per the technical specification of the equipment.                   | Page | Yes      | No |  |

Note:. All documents submitted shall be consecutively numbered. The above check list should be submitted completing in all respect. (putting the page numbers in the check list

SIGNATURE OF THE BIDDER

Seal, name & address of the Bank and address of the Branch

| [Ref. Para 22(i)]  |
|--|
| To   |
| The  |
|  |
| WHEREAS (name and address of the supplie   |
| (hereinafter called "the supplier") has undertaken, in pursuance of contract no dated                      |
| to supply (description of goods and services) (herein after called "the contract").                        |
| AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish yo          |
| with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therei        |
| as security for compliance with its obligations in accordance with the contract;                           |
| AND WHEREAS we have agreed to give the supplier such a bank guarantee;                                     |
| NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of th              |
| supplier, up to a total of (amount of the guarantee in words an  |
| figures), and we undertake to pay you, upon your first written demand declaring the supplier to be i       |
| default under the contract and without cavil or argument, any sum or sums within the limits of (amount of  |
| guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand of    |
| the sum specified therein.   |
| We hereby waive the necessity of your demanding the said debt from the supplier befor                      |
| presenting us with the demand.   |
| We further agree that no change or addition to or other modification of the terms of the contract t        |
| be performed there under or of any of the contract documents which may be made between you and the         |
| supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of |
| any such change, addition or modification.   |
| This guarantee shall be valid until the day of, 20   |
| Our  |
| (Signature of the authorized officer of the Bank   |
| Name and decignation of the office   |

\* Preferably at the headquarters of the authority competent to sanction the expenditure for purchase of goods or at the concerned district headquarters or the State headquarters.

#### Model Agreement for Supply of Goods [Ref. Para 23(1)]

| [Ref. Para 23(1)]  |
|--|
| THIS AGREEMENT made this day of day  |
| 20 & Co Ltd having registered office at  |
| in the State of (hereinafter called the 'Supplier' which expression shall,                         |
| unless excluded in the subject or context, include the heirs, successors, legal representatives,   |
| and permitted assigns) of the one Part.  |
| AND  |
| the of Odisha (hereinafter called the 'the' which expression shall,                                |
| unless excluded in the subject or context, include the heirs, successors, legal representatives,   |
| and permitted assigns) of the other Part. WHEREAS the wants to purchase the goods                  |
| mentioned in the schedule.   |
| NOW THESE PRESENT WITNESS AND IT IS HEREBY AGREED AS FOLLOWS:                                      |
| 1. That the time shall be the essence of the contract and the supplier shall supply the            |
| goods in the schedule completely so as to make delivery (place) on or before                       |
| the date failure to do which will entitle the to rescind the contract                              |
| immediately.   |
| 2. That the goods shall be of the specifications and price mentioned against each. Any             |
| variation on inspection will entitle the to refuse the consignments either in whole or in          |
| part, as the case may be, the whole, if the part renders it useless.                               |
| 3. That the goods shall be inspected at (place) in the   |
| presence of the officers of both parties duly authorized in that behalf on a day fixed in a notice |
| by either of the parties, provided such day is not postponed for more than a period of two         |
| months after the date given in the notice. Default by the Supplier shall disentitle him to raise   |
| any objection subsequently to the result of inspection made by the in his absence and              |
| claim any compensation on that account.  |
| 4. That the Supplier shall guarantee durability of the goods for a period of                       |
| from the date of completion of supplies and installation in the case of machineries and any        |
| damage, done to the goods in the usual course of use or any deficiency, detected in them           |
| subsequent to such completion and installation and during the period aforesaid shall be made       |
| good to render due service at the cost of the Supplier within a period of two months from the      |
| date of receipt of the notice in that behalf and no decision shall be taken by the Supplier or any |

person on his behalf as to the defects or deficiency without notice to the ...... failure to do

so shall be deemed that the Supplier has no intention to discharge the obligation and thereupon

the amount of security, deposited separately or withhold from his bill, shall stand forfeited to the

...... The Supply of goods other than machineries shall be deemed to be complete only after final approval by the officer duly authorised on inspection whose decision shall be final and in case of machineries exactly in the same manner and installation which would include test

10 | Page

working for 7 (seven) days.

| 5. The Goods shall be duly packed and insured by the Supplier for transit and be                |
|---|
| despatched at the risk of the carriers and the shall not be responsible for any loss or         |
| damage during the transit or at any time prior to inspection and approval.                      |
| 6. That the price of goods shall be paid in advance or on the completion of supplies and        |
| installation as the case may be in agreed instalments on bills submitted(as indicated in the    |
| Payment Schedule) provided the may withhold payment of per cent of                              |
| the total amount payable as security for the period of guarantee if no amount equal thereto has |
| already been deposited as such.   |
| 7. That any damage or deficiency if not removed during the stipulated period by the             |
| Supplier may be removed by the at his cost to be reimbursed by the Supplier. Any                |
| amount payable to the hereunder shall be recovered as public demand under the                   |
| Orissa Public Demand Recovery Act, 1963 and shall bear 6% interest per annum till certificate   |
| for recovery is filed.  |
| 8. That the supplier shall deposit Rs towards earnest money at the                              |
| time of acceptance of tender for due performance of the covenants hereof and such money shall   |
| be forfeited to the in case of breach of all or any of the covenants.                           |
| 9. That any dispute arising hereunder shall be resolved in the following manner:                |
|   |
|   |
| 10. That Sri is duly authorised in the order  |
| Noby the and  |
| Sri on behalf of the company to execute the deed.   |
| 11. The cause of action hereunder shall always be deemed to arise at                            |
| 12. That the stamp duty shall be borne by   |
| SCHEDULE OF GOODS Name of the Goods Specification with number and make etc Price                |
| agreed  |
| IN WITNESS WHEREOF the parties hereto have signed this deed this day                            |

of...... mentioned against the signature of each in the presence of......

Witness

#### TECHNICAL SPECIFICATION ALONG WITH REQUIREMENT

| SI.No. | Name of the Item | Specification   |   | Qty | Department    |
|--------|------------------|---|---|-----|---------------|
| 1.     | 4 Channel        | <u>Features</u>   | · ·   | 1   | Neurology     |
|        | EMG/NCV.         | · ———   | light weight  |     |               |
|        | EP .             | •   | ication through single USB  |     |               |
|        | Machine          | Battery opera   |   |     |               |
|        |                  |   | pedance check   |     |               |
|        |                  |   | er for EMG test   |     |               |
|        |                  |   | se in bedside recording   |     |               |
|        |                  |   | e e-mailed or transferred across a  |     |               |
|        |                  | network   |   |     |               |
|        |                  | Technical Specific  | cations   |     | ļ.            |
|        |                  | Channels  | 4   |     |               |
|        |                  | Sensitivity   | 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50,   |     |               |
|        |                  | Schilletty  | 100, 200, 500 µV/div; 1, 2, 5, 10,  |     |               |
|        |                  |   | 20 mV/div.  |     |               |
|        |                  | Highout   | 2 pole (12 dB/ octave) filter. 100,   |     |               |
|        |                  | Highcut   | 200, 500 Hz; 1, 2, 3, 5, 10 kHz.  |     |               |
|        |                  | Lowcut  | 0.2, 2, 20, 30, 100, 200, 500   | 1   | 1             |
|        |                  | LOWCUL  | Hz.   |     |               |
|        |                  | Sweep speeds  | 1 to 1000ms/div in 19 steps (1,   |     |               |
|        |                  | 2Meeh sheens  | 1.5, 2, 3, 5,   |     |               |
|        | 1                | (NCS & EP)  | 7.5, 10, 15, 20, 30, 50, 75, 100,   |     |               |
|        |                  | (NCS & EP)  |   |     |               |
|        |                  | C   | 150, 200, 300, 500, 750, 1000).   |     |               |
|        |                  | Sweep speeds  | 2 to 500 ms/div in 13 steps (2, 4,  |     |               |
|        |                  | (5146)  | 6, 10, 20,  | •   | 1             |
|        |                  | (EMG)   | 30, 50, 75, 100, 150, 200, 300,   |     | 1             |
|        |                  |   | 500).   |     |               |
|        |                  | CMRR  | > 100 dB.   |     |               |
|        |                  | Input Impedance   |   | }   |               |
|        |                  | Noise   | < 0.5 µV rms (1 Hz to 10 kHz).  |     |               |
|        |                  | A/D CONVERTOR   | 16 bit analog-digital conversion.   |     |               |
|        |                  | <u>AVERAGER</u>   | Number of averages per channel  |     |               |
|        |                  |   | upto 9999.  |     |               |
|        |                  | ELECTRICAL STIME  |   |     |               |
|        |                  | Type  | Hand held, constant current   |     |               |
|        |                  |   | electrical stimulator with stimulus   |     |               |
|        |                  |   | intensity dial and stimulus trigger   |     |               |
|        |                  |   | on handle. Save and Start/Stop  |     |               |
|        |                  |   | switches are provided on  |     |               |
|        |                  |   | Stimhandle can be used for adults   |     |               |
|        |                  |   | and pediatrics.   |     |               |
|        |                  | Duration  | 0.02, 0.05, 0.10, 0.20, 0.50, 1.0   |     |               |
|        | 1                |   | ms.   |     |               |
|        |                  | Repetition rates  | 0.5, 1, 3, 5, 7, 10, 15, 20, 25, 30   | 1   |               |
|        |                  | Repetition rates  |   |     | i             |
|        |                  | Repetition rates  | PPS standard or any user  |     |               |
|        |                  |   | PPS standard or any user definable value.   |     |               |
|        |                  | Isolation   | PPS standard or any user definable value. Electrically isolated stimulator  |     |               |
|        |                  |   | PPS standard or any user definable value. Electrically isolated stimulator with independent controls.   |     |               |
|        |                  |   | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable  |     |               |
|        |                  | Isolation   | PPS standard or any user definable value. Electrically isolated stimulator with independent controls.   |     |               |
|        |                  | Isolation Electrical range  | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.   |     |               |
|        |                  | Isolation Electrical range  | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.   |     |               |
|        |                  | Isolation Electrical range  | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.   |     |               |
|        |                  | Isolation Electrical range  AUDITORY STIMULTYPE   | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.  LATOR  |     |               |
|        |                  | Isolation Electrical range  AUDITORY STIMULT Type Stimulus                                  | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.  LATOR Headphone.   |     |               |
|        |                  | Isolation Electrical range  AUDITORY STIMULT Type Stimulus Frequency                        | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.  LATOR Headphone. Click (Rare, Comp., Alt), Pips. 250 Hz to 8000 Hz.  |     |               |
|        |                  | Isolation Electrical range  AUDITORY STIMULTY Type Stimulus Frequency Intensity             | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.  LATOR Headphone. Click (Rare, Comp., Alt), Pips. 250 Hz to 8000 Hz. 0-110 dB nHL or 30-140 dB SPL.                           |     | 6             |
|        |                  | Isolation Electrical range  AUDITORY STIMULT Type Stimulus Frequency Intensity Presentation | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.  LATOR Headphone. Click (Rare, Comp., Alt), Pips. 250 Hz to 8000 Hz. 0-110 dB nHL or 30-140 dB SPL. Left, right or both ears. |     |               |
|        |                  | Isolation Electrical range  AUDITORY STIMULTY Type Stimulus Frequency Intensity             | PPS standard or any user definable value. Electrically isolated stimulator with independent controls. 0-100 mA with adjustable duration, intensity and repetitive rate.  LATOR Headphone. Click (Rare, Comp., Alt), Pips. 250 Hz to 8000 Hz. 0-110 dB nHL or 30-140 dB SPL.                           |     | of the second |

|    |         |  |   |   | <del></del> |
|----|---------|--|---|---|-------------|
|    |         | Envelopes  | Linear, Gausian, Black man,   |   |             |
|    |         | White Noise  | Hanning<br>Contra lateral masking from 0 dB   |   |             |
|    |         | wnite woise  | to 80 dB nHL.   |   |             |
|    |         | Rate   | User definable.   |   |             |
|    |         | VISUAL STIMULA   |   |   |             |
|    |         | VIDEO MONITOR  | :monochrome VEP monitor for   |   |             |
|    | 1       | 11520 110111101X   | black and white or color with user  |   |             |
|    |         |  | programmable colors, pattern  |   |             |
|    |         |  | reversal check board stimulation,   |   |             |
|    |         |  | vertical bars, horizontal bars.   |   |             |
|    |         |  | Features center fixation target,  |   |             |
|    |         |  | independent quadrant and half   |   |             |
|    |         |  | field stimulation.  |   |             |
|    |         | Square sizes   | : 2, 3, 4, 5, 7, 8, 9, 11, 13, 16,  | į |             |
|    |         |  | 21, 32, 64.   |   |             |
|    |         | Flash mode   | : Available.  |   |             |
|    | 1       | Rate   | : User definable.   |   |             |
|    |         | LED GOGGLES  | when coloctable for right, left or both   |   |             |
|    |         | riasii/ ratterii stim  | ulus selectable for right, left or both eyes.   |   |             |
|    |         | PHOTIC FLASH S   | TIMULATOR (OPTIONAL)  |   |             |
|    | 1       | KEYPAD (OPTION   |   |   |             |
|    |         |  | EADPHONE (OPTIONAL)   |   |             |
|    | 1       | POWER SUPPLY   | •   |   | :           |
|    |         | Power supply   | : 🚃 19V DC , 3.4A   |   |             |
|    |         |  | through Adaptor   | : |             |
|    | i       |  |   |   |             |
|    |         | 1 ,  | ROLLEY CONFIGURATION  |   |             |
|    |         |  | fessional 32bit or Higher, Processor:   |   |             |
|    |         |  | z Core2Duo or Higher, RAM: 4GB or<br>Disk or higher, CD/DVD Optical Drive,  |   |             |
|    |         |  | 1024x768 or higher, UPS: 600Kv  |   | į           |
|    |         |  | skJet (Inkjet Type)   |   |             |
|    |         |  | Heavy duty cart made of Pre-  |   |             |
|    |         |  | hick board with Dimension: 745(H) x   |   |             |
|    |         | 765(W) x 465(D) i  | n mm, Castors having locking  |   |             |
|    |         |  | unting bracket for flexible arm EMG   | 1 |             |
|    |         | Stand.   |   |   |             |
| 2. | Whole   | _  |   |   | -           |
| ۷. | Body UG | 24 Special I   | JVA plus 12 NBUVB Lamps or  | 1 | Skin & VD   |
|    | Therapy | combination  | •   |   |             |
|    |         |  | nicro computerized electronic   | ı | Ī           |
|    | Unit    | Auvanceu ii  | iicro computerized electronic   |   |             |
|    | Unit    | controller   |   |   |             |
|    | Unit    | controller • LCD display   | to set joules / time for UVA Therapy  |   |             |
|    | Unit    | controller • LCD display and milli Jo  | to set joules / time for UVA Therapy<br>ules / time for NBUVA therapy.  |   |             |
|    | Unit    | controller     LCD display     and milli Jo     Integrated   | to set joules / time for UVA Therapy<br>ules / time for NBUVA therapy.<br>Dosimeter for automatic computation   |   |             |
|    | Unit    | controller     LCD display     and milli Jo     Integrated     of the irrad  | to set joules / time for UVA Therapy<br>ules / time for NBUVA therapy.<br>Dosimeter for automatic computation<br>lation time form joules input.   |   |             |
|    | Unit    | controller     LCD display     and milli Jo     Integrated     of the irrad     Built in mer   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system.  |   |             |
|    | Unit    | controller LCD display and milli Jo Integrated of the irrad Built in mer Homogeneo   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation lation time form joules input. mory system. Dous irradiation results in shorter   |   |             |
|    | Unit    | controller LCD display and milli Jo Integrated of the irrad Built in mer Homogened treatment t   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. bus irradiation results in shorter lime.   |   |             |
|    | Unit    | controller     LCD display and milli Jo     Integrated of the irrad     Built in mer     Homogened treatment to  | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. bus irradiation results in shorter lime. switch off with warning alarm at the  |   |             |
|    | Unit    | controller     LCD display and milli Jo     Integrated of the irrad     Built in mer     Homogened treatment to Automatic send of set i  | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. bus irradiation results in shorter lime. switch off with warning alarm at the rradiation time.   |   |             |
|    | Unit    | controller LCD display and milli Jo Integrated of the irrad Built in mer Homogened treatment to Automatic seend of set i   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. bus irradiation results in shorter lime. switch off with warning alarm at the rradiation time. dent protection through mesh guard.   |   |             |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic send of set in Patient accional maximum in the control of the | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. bus irradiation results in shorter lime. switch off with warning alarm at the rradiation time. dent protection through mesh guard. shed mirror type reflectors for rradiation.   |   |             |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic send of set in Patient accionations are maximum in Handle for  | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. Dus irradiation results in shorter lime. Switch off with warning alarm at the rradiation time. Ident protection through mesh guard. Sched mirror type reflectors for rradiation. Beasy opening and closing of the unit.  |   |             |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic send of set in Patient accional maximum in Handle for eather than the Patient ven  | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. Dus irradiation results in shorter lime. Switch off with warning alarm at the radiation time. Ident protection through mesh guard. Sched mirror type reflectors for rradiation. Leasy opening and closing of the unit. Itilation, guard as touch protection in                                     |   |             |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic send of set in Patient accionaximum in Handle for patient ven from of the  | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. Dous irradiation results in shorter lime. Switch off with warning alarm at the rradiation time. dent protection through mesh guard. Shed mirror type reflectors for rradiation. Leasy opening and closing of the unit. Itilation, guard as touch protection in lamp.                               |   |             |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic seend of set in Patient accional maximum in Handle for proper of the Earth leaka   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. Dus irradiation results in shorter lime. Switch off with warning alarm at the rradiation time. dent protection through mesh guard. Shed mirror type reflectors for rradiation. Leasy opening and closing of the unit. Lilation, guard as touch protection in lamp.  ge circuit breakers (ELCB) for |   | 7           |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic seend of set in Patient accional maximum in Handle for proper of the Earth leaka   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. Dous irradiation results in shorter lime. Switch off with warning alarm at the rradiation time. dent protection through mesh guard. Shed mirror type reflectors for rradiation. Leasy opening and closing of the unit. Itilation, guard as touch protection in lamp.                               |   | m           |
|    | Unit    | controller  LCD display and milli Jo  Integrated of the irrad  Built in mer  Homogened treatment to Automatic seend of set in Patient accional maximum in Handle for proper of the Earth leaka   | to set joules / time for UVA Therapy ules / time for NBUVA therapy. Dosimeter for automatic computation liation time form joules input. mory system. Dus irradiation results in shorter lime. Switch off with warning alarm at the rradiation time. dent protection through mesh guard. Shed mirror type reflectors for rradiation. Leasy opening and closing of the unit. Lilation, guard as touch protection in lamp.  ge circuit breakers (ELCB) for |   | A.          |

| 3. | Semi Auto<br>Analyser        | <ol> <li>Wavelength - 340, 405, 505, 546, 578, 630</li> <li>Temperature - 25, 30,37C</li> <li>Photometric resolution - upto 0.0001</li> <li>Application - Clinical</li> <li>Test method - Fixed time also required fixed time kinetic &amp; k-factor &amp; Kinetic</li> <li>Type of System - open</li> <li>Photometric range - 0.1 to 3.0 OD</li> <li>Test program - 150 open user defined</li> <li>Aspiration volume - 300 to 999ul</li> <li>Dual cuvette system &amp; Automatic '0' Setting</li> <li>Mono &amp; bichromatic measurements</li> <li>Static Photometer (340 to 630nm)</li> <li>Multiplepoint Calibration with graphic display</li> <li>L-J graph for quality control</li> <li>1000 tests result storage</li> <li>Peristaltic pump aspiration system with calibration facility</li> <li>Flow cell volume 30-33ul (Quartz flow cell)</li> <li>Inbuilt thermal printer</li> <li>Repeat measurement by READ key</li> <li>Collated report data wise / ID wise (Alphanumeric)</li> <li>USP connectivity to PC</li> <li>Direct printer connectivity through USB port</li> <li>Low reagent consumption load</li> </ol> | 3 | Biochemistry |
|----|------------------------------|---|---|--------------|
|    |                              | 24. Touch Screen 25. Power off protective function to automatically save measurement results  |   |              |
| 4. | Blood<br>Smearing<br>Machine | <ol> <li>Inbuilt incubator (Optional)</li> <li>Throughput up to 120 slides per hour; smear up to 2 cycles per cycle.</li> <li>Provision for adjustable smear thickness and length depending upon the parameters.</li> <li>Specimen should be whole blood.</li> <li>Instrument should be USFDA approved.</li> <li>Should be a compact model &amp; easy to operate</li> <li>Company should have Service Engineers at Odisha.</li> </ol>   | 1 | Pathology    |
| 5. | Blood<br>Staining<br>Machine | <ol> <li>Throughput up to 150 slides per hour; staining upto 10 slides per cycle.</li> <li>Provision for adjustable smear thickness and length depending upon the parameters.</li> <li>Specimen should be whole blood / Body Fluids? Malaria Thick Smear</li> <li>Stain should be aqua based modified stain.</li> <li>Should be a compact model &amp; easy to operate.</li> <li>Company should have Service Engineers at Odisha.</li> </ol>   | 1 | Pathology    |

Dean & Principal MKCG Medical College Berhampur