



Employees' State Insurance Corporation
E.S.I.C. HOSPITAL K. K. NAGAR, Chennai - 600 078
Dir. : 24893714, Fax : 24891094
Website : www.esic.nic.in , www.esichennai.org

Notice Inviting e-Tender for Supply and Installation of
Elechomyography, Nerve conduction vecocity, Elechophysiology
at ESIC Model Hospital and Medical College, K.K.Nagar, Chennai - 78.



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Tender No. 512/U/16-30/Equipments/P&B/2017-F-252

Dated: 05.01.2018

"CONFIDENTIALITY IS THE ESSENCE OF THIS TENDER"

E-tender is invited by the **Dean, ESIC Medical College and PGIMSR Model Hospital**, K.K nagar, Chennai-600 078 (under double bid system) from the manufacturers/authorized distributors/ Importers /Authorized suppliers having their business/ office at Chennai for the supply and installation of EMG/NCV/EP machine.

If you are in a position to participate and quote the rate for the equipment in accordance with the requirements stated in the attached schedule you should submit the e-tender through online only at e-procurement portal Tender <https://esictenders.eproc.in> .Document along with detailed tender notice, all terms and conditions and procedure of e-tendering may be viewed online or downloaded by the tenderer from the ESIC websites www.esic.nic.in & www.esichennai.org at "tenders" & <https://esictenders.eproc.in> . The downloaded complete tender documents duly filled in and signed on every page should be **scanned and uploaded as per instructions in Annexure-I on or before 31.01.2018 upto 11.00 A.M.**

In addition to e-tender which has to be filed on-line, the bidders also shall be required to submit the Earnest Money Deposit (EMD) in the form of Demand Draft drawn at any Nationalized / Scheduled bank in favor of **ESI Fund Account No.1 payable at Chennai** to be submitted either through Registered post with acknowledgement due (RPAD) or by hand delivery to the Dean, ESIC Medical College and PGIMSR Model Hospital, Purchase branch, Room No:125, 1st Floor, K.K nagar, Chennai-78, **before the due date of opening of the tender without fail.** All the original affidavits and documents are to be submitted with the technical bid as scanned copies uploaded in the e-tender format. Manual bid is not accepted at any circumstances.

PRE-BID MEETING: There will be a Pre-bid meeting conducted on 12.01.2018 regarding the tender at DMS chamber interested bidders may participate in the meeting.

All bidders are requested to check further notifications / Updates if any, on all the above mentioned websites only and No newspaper advertisement will be given .

TENDER SCHEDULE

SL.No	Details	Dates / Time
1	Period of availability of online e-tender document on websites .	From: 05.01.2018 upto Dated: 31.01.18 till 11.00AM
2	Handing over of EMD amount in the mode of Demand Draft/ Banker's cheque through post (RPAD) or by hand delivery before the time period of Opening the bid without fail.	The Dean, ESIC Medical College and Hospital, 1st Floor, Room No:125, Purchase Branch, K.K nagar, Chennai -78
3	Pre-Bid Meeting on	12/01/18 @ 11:30AM
4	Last date and time of Bid Submission	31.01.2018 11.00AM
5	Date of Opening online tenders	31.01.2018 11.30AM
6	Bid Processing Fee	Rs.2,495/-
7	Earnest Money Deposit/ Bid Security	Rs.60,000/-
8	Performance Security/ Security Money to be deposit for successful Bidder	10% value of the contract.

*In case of an unscheduled holiday on the prescribed tender opening date, the tenders shall be opened on the next working day at the same venue and time.

NOTE:- LATE TENDER OR POSTAL DELAY ARE NOT ACCEPTABLE

DEAN
ESIC MEDICAL COLLEGE AND HOSPITAL, CHENNAI

Important Instructions for Bidders regarding Online Payment

All bidders/contractors are required to procure Class-III Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing & Encryption to participate in the ETenders.

Bidders should get Registered at <https://esictenders.eproc.in>.

Bidders should add the below mentioned sites under Internet Explorer ☐ Tools ☐

Internet Options ☐ Security ☐ Trusted Sites ☐ Sites of Internet Explorer :

<https://esictenders.eproc.in>

<https://www.tpsl-india.in>

<https://www4.ipg-online.com>

Also, Bidders need to select "Use TLS 1.1 and Use TLS 1.2" under Internet Explorer ☐ Tools ☐ Internet Options ☐ Advanced Tab ☐ Security.

Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (non-refundable) in favour of M/s. C1 India Pvt. Ltd., payable at New Delhi via Online Payment Modes such as Debit Card, Credit Card or NetBanking for participating in the Tender.

Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>

C.INSTRUCTIONS TO BIDDERS FOR SUBMISSION OF BIDS :

Annexure-I

1.The tender document can be downloaded from www.esic.nic.in, www.esichennai.org and Central Public Procurement Portal: www.esictenders.eproc.in. The original copy of tender duly completed and signed on each page, should be scanned and uploaded in the e-tender format.

2. The EMD in the form of Demand draft or Banker's cheque drawn in favour of "ESIC FUND A/C NO.1" payable at Chennai should be kept inside a separate envelope. The envelope should be clearly superscribed as "TENDER FOR THE SUPPLY AND INSTALLATION OF **EMG/NCV/EP Machine** E-Tender ID No ____ EMD".

This envelope should be sent through **Registered post with acknowledgment due** to "THE DEAN, ESIC MEDICAL COLLEGE AND MODEL HOSPITAL, CHENNAI - 600 078" (Or) can be dropped in the box kept for the purpose in Room No: 125, I Floor, Purchase Branch. It should reach the concerned authority before the due date and time stipulated. The Bid Security is normally to remain valid for a period of forty five days beyond the final bid validity period. (If the Vendor fails to submit the EMD/ EMD exemption proof on his part, then the participation towards the tender is liable to be rejected, even though the bid was registered online)

3. EMD EXEMPTIONS:

Bidders who are claiming exemption from submission of EMD should scan and upload the valid exemption proof in the Technical bid in place of EMD. Copy of the same duly signed and sealed by the bidder should be sent in a separate sealed cover through Registered post with acknowledgment due to "THE DEAN, ESIC MEDICAL COLLEGE AND MODEL HOSPITAL, CHENNAI - 600 078" (Or) can be dropped in the box kept for the purpose in Room No: 125, I Floor, Purchase Branch. The envelope should be clearly superscribed as "TENDER FOR THE SUPPLY AND INSTALLATION OF **EMG/NCV/EP Machine** EMD EXEMPTION PROOF". It should reach the concerned authority before the Stipulated date and time. Otherwise the Bids will not be opened.

- Micro and Small Enterprises (MSE's) as defined in the MSE Procurement policy issued by the Dept of MSME.
- Firms registered with central Purchase Organisation or the concerned Ministry or Dept are exempted from EMD.

4. The EMD amount of unsuccessful tenderers shall be refunded within one month after the award of work to the successful tenderer without interest. Hence the tenderers should submit an **ADVANCE RECEIPT** affixing with the Revenue stamp along with the full particulars of the Bank details in order to credit the amount through ECS. This receipt should be kept in the envelope for EMD and sent through post / hand over to person as per instructions.

5. PRE-BID MEETING:

There will be a Pre-bid meeting conducted on **12.01.2018** regarding the tender at DMS chamber. Interested bidders may participate in the meeting.

6. Tenderers are requested that, before quoting their rates or filling tender, the tender form may please be read out thoroughly (line by line), otherwise purchaser will not be held responsible for any error/oversight of his own. Firms intending to participate in the rate contract should first ensure that they fulfill all the eligibility criteria as prescribed under the terms and conditions mentioned hereinbefore, otherwise the tender will be summarily rejected. Tenderer should quote only for the items for which they fulfill all the eligible criteria.

7. The right to ignore / reject any tender, which fails to comply with the above instructions, is reserved. Tender will be opened on the due date **31.01.2018, 11.30 AM** ESIC Hospital, K.K nagar, Chennai in the presence of bidders or their authorized representative. If due date of opening is declared holiday, tender will be opened on the next working day at the same time and the Dean, reserves the right to reject any tender or all without assigning any reason(s) thereof.

DEAN

GENERAL TERMS AND CONDITION:

Pre Bid Meeting	12/01/18
Bid Submission Start Date	05/01/2018
Bid Document Download End Date	31.01.2018

Tenders will be opened at ESIC Medical College and Model Hospital, K.K.Nagar, Chennai-78, on the stipulated date and time in the presence of the tenderers / representatives who choose to be present.

Pre-Qualification Criteria :

- a) Bidder should be the manufacturer / authorized dealer / Distributor / Trader / Supplier. Letter of Authorization from Manufacturer for the same and specific to the tender should be uploaded in the prescribed place (AS APPLICABLE)
- b) An undertaking from the original Manufacturer is required stating that they would facilitate the bidder on regular basis with technology / product updates and extend support whenever necessary. The scanned copy of the same to be uploaded.
- c) The two part bids i.e. Technical Bid and Price bid shall comprise of the following:

1. PREPARATION OF TECHNICAL BID:-

The following documents are the vital documents which should be uploaded by the Bidder along with Technical Bid as per the tender document for getting qualified.

- Scanned Copy of Earnest Money Deposit (EMD Cost to be Uploaded).
- Mention the status of the bidder – Manufacture / Distributor / Dealer / Trader / Supplier supporting documents.
- In case of distributor / dealer / trader / supplier must be upload tender specific authorization certificate from OEM/ manufacturer .
- Copy of PAN Card.
- Firm / Company registration certificate.
- GST registration certificate .
- Income Tax Return of last three years.
- Tenderer must provide evidence of experience / supplied materials as mentioned in tender document
- Annual turnover & balance sheet of last three year duly certified by CA as mentioned in tender document.
- Declaration by the Bidder should be uploaded as mentioned in tender document.
- Relevant brochure / catalogue pertaining to the items quoted with full specifications etc.
- Tenderer must provide a certificate on letter head that proprietor / firm has never been black listed by any organization should be uploaded.
- Technical Specifications Compliance Report.
- Previous history of records for the supply of items in any Government/ Reputed private Organisation.
- Certification in your letter head that price quoted is not higher than that previously supplied to any Government Institute/ Organisation / Reputed Private Organisation or DGS&D in any recent records.
- Without fulfillment of the said above records your bid is liable to get rejected.

2. PRICE BID:

- a) The information given in the Techno-commercial bid should reproduced once again in the price bid with indication of PRICES. Any deviation will be liable for rejection.
- b) Rates should be typed in words as well as in figures, free from erasing, cutting and overwriting.
- c) Price quoted should match with the items quoted in technical bid.
- d) Successful bidder shall not be entitled to any rate revision of price for any reason except that allowed by Government of India.
- e) In case any variation in the price quoted is found the bid automatically be cancel.
- f) The quoted price should be all inclusive lump sum price offered for each item including cost of the equipment, freight, Insurance, transit insurance, packing forwarding etc., and including charges for installation and commissioning with all men and material required for the same and including charges for the quoted warranty period. GST must be quoted separately.
- g) The rates quoted should be F.O.R ESIC PGIMSR & Model Hospital, K.K. Nagar, Chennai – 78. No other charges in addition will be payable on any account over and above the lump sum price quoted in the price bid. The rates quoted in ambiguous terms such as "Freight on actual basis" or " Taxes as applicable extra " or "Packing forwarding extra" will render the bid liable for rejection.
- h) For imported goods, the price quoted shall not be higher than the lowest price charges by the tenderer for the goods of the same nature, class or description to a purchaser, domestic or foreign or to any organization or department of Govt. of India.

- i) If it is found at any stage that the goods as stated have been supplied at a lower price, than that price, with due allowance for elapsed time will be applicable to the present case and the difference in cost would be refunded by the supplier to the purchaser, if the contract has already been concluded.
- j) Only Technical bid will be opened first on the date mentioned in the presence of bidders who chose to be present. After technical evaluations, the details of technically qualified tenderers will be uploaded in the website. The price bid of the firm whose equipment is technically viable fulfilling the specifications and all other conditions, alone will be opened.

k) Tender currencies :

The tenderer supplying indigenous goods shall quote only in **Indian Rupees**.

l) Validity of Tender :

The rates once quoted on approval will stand valid one year from the date of sanction of the Dean and the quantity mentioned is on the basis of present requirement which are to be supplied within the stipulated period mentioned in the tender. During the currency of the tender, orders are to be executed by the successful tenderer at the tender rate as per future requirements, therefore the quantity in the tender is indicative only and likely to increase.

m) Right of Acceptance :

ESIC Hospital, K.K.Nagar reserves the right to accept or reject any or all tenders / quotations without assigning any reason there of and also does not bind itself to accept the lowest quotation or any tender. ESIC Hospital, K.K.Nagar also reserves the rights to accept all the equipments items in the given tender or only part of it in any given schedule without assigning any reason.

3. EARNEST MONEY DEPOSIT (EMD):

- a) Bidder has to deposit the Earnest Money Deposit (EMD) mentioned against the tendering item in the form of demand draft (DD)/ Banker's cheque drawn in favour of "ESIC FUND ACCOUNT NO.1", payable at State Bank of India, Chennai. The EMD must be submitted as per earlier instructions.
- b) The scanned copy of the DD/ Banker's cheque should be uploaded.
- c) The tenders without EMD is liable for rejection.
- d) For EMD exemption, if any, necessary documents for exemption should be uploaded, otherwise tender will be liable for rejection.
- e) The EMD of unsuccessful tenderers shall be refunded within one month after the award of tender to the successful tenderer.
- f) Advance Stamp Receipt for the refund of EMD should be enclosed with the tender document.

4. CERTIFICATES TO BE FURNISHED:

- a) A certificate that the quoted rates are not higher than that supplied to any other organization should be enclosed..
- b) Undertaking on CAMC for five years after the warranty period, is to be mentioned in the tender document.
- c) Certificate to the effect that the equipment quoted is not a refurbished one, should be enclosed with the tender documents.
- d) Copies of purchase order for having supplied to Government Institutions and reputed hospitals in Chennai should be enclosed.
- e) A certificate duly authenticated from any other users of the equipment about satisfactory performance, is to be enclosed.

5. Only the manufacturers or their authorized distributor/stockist would be considered for the tender.

6. SUBLETTING OF CONTRACT:

The firm shall not assign or sublet the contract or any part of it to any other person or party without having first obtained permission in writing of ESIC PGIMSR & Model Hospital, K.K.Nagar, which will be at liberty to refuse if thinks fit. The tender is not transferable.

- 1. Either the authorized Indian agent on behalf of the principal/OEM or principal/OEM himself can bid but both cannot bid simultaneously for the same item/product in the same tender.
- 2. If an agent submits bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same tender for same item/product.
- 3. Bidders in their own interest shall ascertain the eligibility of whatsoever concessions and exemptions are eligible and applicable to the ESIC PGIMSR & Model Hospital, K.K. Nagar, Chennai and shall advise the purchaser and quote accordingly.

4. Guarantee / Warranty, Service, Maintenance :

The tenderers must quote for Three (3) years onsite warranty from the date of completion of the satisfactory installation as certified by the stipulated committee. The warranty charges shall not be quoted separately otherwise the bid shall be summarily rejected.

- 5. Firm should undertake to enter into CMC for the equipment as well as for accessories attached for a minimum period of five years after completion of warranty period and accordingly quote the rates of CMC for five years. The rates for CMC (Labour) should not exceed 10% per annum, of the unit cost of the equipment on the date of purchase. Firm should undertake to keep the equipment in running order throughout the year and in case of equipment going out of order during warranty/ the fault should be attended within 24 hours and rectified within 7 days of lodging the complaint.

➤ Should provide Warranty period: As per mentioned in the specifications and CAMC after warranty as per mentioned in the specifications.

- Should ensure availability of spares for at least 10 years after date of installation.
- Onsite warranty would include all parts—plastic, metallic, glass, batteries and rubber (without any exclusion).
- Comprehensive warranty would include periodic checking and periodic calibration of all parameters strictly as per manufacturer's recommendations as per norms and any spares or standards required for that.
- Should have online and telephonic registration of the complaints.
- Should have resident service engineer available in Chennai within 24 hrs to solve the complaints.
- Down time of the equipment will start from the time of lodgement of first complaint.
- The company must ensure that the machine remains FULLY functional all the time for the period of warranty .
- No request in this regard will be entertained on the pretext of non availability of items with the supplier / company.
- Should have local service facility and should have the necessary equipment's to carry out preventive maintenance test.
- Onsite physical demonstration and training of the equipment to all the end users with all the requested facilities will be mandatory.
- Company should certify that model quoted is latest and not obsolete, and spares are available for at least 10 years after date of installation.

7. DEMONSTRATION OF THE EQUIPMENT :

- Tenderer should be able to demonstrate the product quoted by them, to the Technical Evaluation Committee in Chennai within the time frame specified from the date of opening of tender.
- The date for demonstration shall be fixed with mutual consent on telephone/e-mail and the same shall be confirmed in writing or by fax. In any case, not more than two weeks time shall be given to arrange for demonstration.

8. SECURITY DEPOSIT:

- The successful bidder shall have to submit a performance guarantee (PG) within 30 days from the date of issue of Letter of Award (LOA). Extension of time for submission of PG beyond 30 days and up to 60 days from the date of issue of LOA may be given by the competent authority to sign the contract agreement however a penal interest of 15% per annum shall be charged for the delay beyond 30 days. i.e., 31st day after the date of issue of LOA. In case of the contract fails to submit the requisite PG even after 60 days from the date of issue of LOA the contract shall be terminated duly forfeiting the EMD and other dues if any payable against the contract. The failed contractor shall be debarred from participating in re-tender (if any) for that item. Performance Guarantee Bond is mandatory.
- Validity of the performance guarantee bond shall be for a period of 60 days beyond of entire warranty period from the date of issue of installation & commissioning.
- After Completing of warranty period a fresh BG / DD / FDR of 10% of CMC cost will be submitted by the supplier for performance security against CMC. validity of this new BG / DD / FDR will be 60 days beyond CMC period. After submission of new security deposits, old security deposit will be released.

9. DELIVERY SCHEDULE:

Within 60 days from the date of purchase order. The delivery should be at the place shown by the receiving officer within the premises of the ESIC PGIMSR & Model Hospital, K.K.Nagar at the cost of the supplier. For imported items, an enhanced delivery period, if required can be agreed and the same should be indicated clearly.

10. No articles shall be supplied to the hospital except on requisition in writing signed by the Dean or by an officer authorized by him/her in writing to do so.
11. **Penalty** : If the successful tenderer fails to execute the supply within the stipulated period, penalty of 5% of the value of the order will be levied. Failure to execute the supply will lead to cancellation of supply order and the Performance security will stand forfeited and the vendor will not be allowed to participate in the re-tender for the equipment.
12. **Arbitration:** In the event of any dispute or difference arising out of the terms and conditions laid down in this tender, the same shall be referred to Arbitrator appointed by the competent authority. The procedure of the Arbitration will be governed by the provisions Arbitration Act 1996.(as amended as rules framed there under. Jurisdiction of Chennai.
13. **Payment** :The payment towards the supply is subject to receipt of inspection note/performance certificate to the effect that the items supplied are conforming to the purchase order placed.

DEAN

ESIC MEDICAL COLLEGE AND HOSPITAL, CHENNAI

TECHNICAL DETAILS

TENDER FOR THE SUPPLY AND INSTALLATION OF DIATHERMY UNIT (VESSEL SEALING) IN THE ESIC
HOSPITAL, K.K NAGAR CHENNAI-78

From

To

The DEAN,
ESIC Hospital, K.K.Nagar,
Chennai – 600 078.

Sub: Request for refund of EMD Amount - reg.

* * *

We have pleasure in submitting our tenders for theas per Annexure -I

We enclose herewith a Demand Draft No.Dt..... for Rs. _____/-- drawn in favor of ESIC Fund A/c. No:1 payable at Chennai towards Earnest money Deposit.. We bind ourselves to the conditions prescribed in the Tender Notification.We agree to have the Earnest money forfeited in case of failure in full or part to undertake the contract upon the acceptance of this tender.

With reference to your advertisement dated _____, we have submitted tender for _____.In case we are not the successful bidder, we request you to kindly refund the EMD amount of Rs.____. Through ECS may be kindly be credited in favour of_____

Beneficiary's Name :

Account No. :

A/C Savings Current :

IFSC Code No. :

Bank Name :Branch Name & Address :

Yours faithfully,

SIGNATURE & SEAL)

PRE-RECEIPT

Received an amount of Rs..... vide cheque No.....dated.....
from ESI Corporation towards refund of EMD amount.

Revenue

Stamp

(SIGNATURE & SEAL)

COMPANY PROFILE

1. Name and address of tenderers/Firm/ :-

Company/Agency etc. with Tel. No.

2. Tender Bid processing fee Rs.-2495/- D.D. _____ No. _____ dt. _____.

3. EMD value(s) _____ D.D. No(s) _____ dt. _____.

4. Duly signed original tender document (Enclosed).

5. Duly signed undertaking (Enclosed).

6. Valid Trade License No. :-

Valid up - to :-

7. Valid Authorization Certificate. :-

Valid up - to :-

8. Sales Tax GST No. :-

9. TIN No. :-

10. PAN NO:

11. Name and address of bank :-

12. Declaration by the bidder

This is to certify that I/We before signing the tender have read and fully understood all the terms and condition contained herein and undertake myself/ourselves to abide by them. Enclose duly signed an undertaking .

(SIGNATURE OF THE TENDERER) (OFFICE SEAL)

FORMAT FOR UNDERTAKING

(To be typed and given on the letter head of the bidders)

- a. I, the undersigned certify that I have gone through the Conditions of Contract mentioned in the tender document and undertake to comply with them.
- b. The rates quoted by me are valid and binding upon me for the entire period of contract and it is certified that the rates quoted are the lowest quoted for any other institution/ hospital in India.
- c. I/ We give the rights to Dean, ESI-PGIMSAR, ESIC Medical College and ESIC Hospital Chennai to forfeit the EMD/Security money deposit by me/us if any delay occur on my part/ failure to supply the article within the stipulated date and time or of the desired quality as per specification.
- d. There is no vigilance/CBI case or court case pending against the firm.
- e. I hereby undertake to complete the work as per directions given in the tender document /work order with stipulated period.
- f. Certified that the equipment quoted is not a refurbished one.
- g. I hereby certify that none of the family member (s) is/ are employed in ESIC as per details given in the tender document. In case at any stage, it is found that information given by me is false/ incorrect. ESIC Medical College and Hospital Chennai shall have the absolute right to take any action as deemed fit. The decision of the Dean and is legally binding to me / us in such cases.

Signature of Bidder

(Name of Bidder)

Place..... With seal of firm

Affirmation

I pledge and solemnly affirm that the information submitted in tender documents is true to the best of my knowledge and belief. I further pledge and solemnly affirm that nothing has been concealed by me and if anything adverse comes to the notice of purchaser during the validity of tender period the DEAN, ESIC Model Hospital and Medical College Chennai, will have full authority to take appropriate action as he/she may deem fit.

Place Signature of Bidder

Date..... (Name of Bidder)

With seal of firm

SCHEDULE OF PRICE BID

FORMAT FOR QUOTATION OF RATE FOR SUPPLY AND INSTALLATION OF EMG/NCP/EP MACHINE IN
ESIC HOSPITAL K.K NAGAR, CHENNAI-78.

Tenderer must quote the rates strictly as per the given format.

* Rates both in numbers and words

Comparative Price evaluation of the above items will be done on the basis of price per unit as applicable.

Item No.	Name of the Medical Equipment	Quantity Required	Rate per Unit in (Rs)	GST in %	GST in Rs.	Total Price	Total Price in Words
1	EMG/NCV/EP machines	2Nos.					

SUM TOTAL OF BASIC COST AND CHARGES FOR ONSITE WARRANTY FOR THE QUOTED PERIOD TO BE MENTIONED.

SCHEDULE OF PRICE BID FOR CONSUMABLES (IF APPLICABLE)

The following is the list of consumables and their rates for use of the equipment.

S.No	Name of the Consumables	Pack Size	Rate per Unit /ml	GST in %	Total
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

OTHER STANDARD FORMS:

Proforma for payment Through RTGS/ECS/NEFT

- 1 Name & Address of the Firm,
Including Phone No, Fax no. And
email
- 2 Name of the Bank
- 3 Name of the Branch & Address
- 4 Bank Branch Code
- 5 Type of Account : SB/CC/CA
- 6 Bank Account No.
- 7 IFSC code
- 8 MICR Code
- 9 Bank E-Mail Address
- Authorized Signature & Seal of the Firm

WARRANTY CERTIFICATE FOR THE SUPPLY OF EQUIPMENT

I / we _____ do hereby undertake to provide Three years on site warranty as stipulated in Tender terms & conditions for the equipment _____ from the date of satisfactory installation of the said equipment in your Hospital premises.

Signature of Bidder with date and seal

QUOTATION FOR COMPREHENSIVE MAINTENANCE CONTRACT

I / We _____ do hereby accept to enter into Comprehensive Maintenance Contract (CAMC) as stipulated in Tender terms & Conditions at a rate of _____, per annum, for five years after completion of warranty period.

We also understand fully that Comprehensive Warranty would include periodic checking and periodic calibration of all the parameters strictly as per manufacturer's recommendations / as per norms and any spares or standards /Kits required for that. Also Comprehensive Warranty would include all parts plastic,mettallic,glass, balleries and rubber without any exclusion.

Signature of Bidder with date and seal

UNDERTAKING FOR /CONSUMBALES / REAGENT (AS APPLICABLE)

I / We _____ do hereby declare that we have quoted for all the consumables and reagents for the equipment as per tender Tender terms & Conditions. We also undertake that the price quoted will be fixed for FIVE YEARS from the date of installation.

Signature of Bidder with date and seal

**THE FIRM IS REQUESTED TO FOLLOW THE CHECK LIST AT THE TIME OF SUBMISSION OF
TENDER DOCUMENT WITHOUT WHICH THE OFFER IS LIABLE TO BE CANCELED.**

1	The Demand Draft for EMD to be submitted before the time period of Opening of tender.(Without fail or any Delay) Failing which directly liable to rejected from the participation of tender. Eventhough fee paid for online processing of the tender .	Submitted [Yes / No]
2	Valid Firm / Company Registration Certificate	Submitted [Yes / No]
3	Trade License / Dealership Certificate	Submitted [Yes / No]
4	The average Annual Turnover of the tenderer in the preceding 3 years and Income tax returns for last three years.	Submitted [Yes / No]
5	Certificate that the quoted items have not been supplied to any other organization / institution at a rate, lower than quoted here Tenderer to give an affidavit that the company has not been blacklisted by any Govt./Semi Govt./Govt. Undertaking /Institution During last three years &Bank Details	Submitted [Yes / No]
6	Warranty Certificate	Submitted [Yes / No]
7	Certificate to the effect that the equipment quoted is not a refurbished one. Satisfactory performance Certificate from a Govt. Institution/ Reputed Institution for last three years	Submitted [Yes / No]
8	GST/PAN/TAN other statutory documents	Submitted [Yes / No]
9	Undertaking for Consumables/Reagents (AS APPLICABLE)	Submitted [Yes / No]
10	Specific authorization letter from manufacturer for the supply of Equipment	Submitted [Yes / No]
11	Technical Specifications compliance	Submitted [Yes / No]

PREFERRABLE DOCUMENTS FOR TECHNICAL BID

Sl.No.	Documents	Submitted at Page No.
1	Purchase Order copies for having supplied the quoted equipment to Government Hospitals/reputed institutions	
2	Performance Certificate duly authenticated from any other users of the equipment	

COMPULSORY DOCUMENTS FOR PRICE BID

Sl.No.	Documents	Submitted at Page No.
1	Price Bid for the quoting equipment (Sum Total of Basic Cost and charges for onsite warranty for the quoted Period)	
2	Quotation for CAMC	
3	Price Bid for Reagents (IF APPLICABLE)	

THE DEAN OF MEDICAL COLLEGE AND MODEL HOSPITAL CHENNAI-78 , HAS THE RIGHT AND DISCRETION TO ACCEPT OR REJECT OR CANCEL THE TENDER/TENDER PROCESS AT ANY STAGE WITHOUT ASSIGNING ANY REASON .

Dated :
Signature of Authorized Signatory
(With rubber stamp)

Technical Specifications for EMG Machine

The EMG/NCV/EP machine should have the following essential specifications

Hardware

1. The base unit should have two electrical stimulators, one Auditory stimulator and one Visual LED stimulator.
2. Hardware should have connections for a patient response unit, foot switch, control panel, LED goggles, Audio transducer i.e. headphones, bone conductions, ear inserts
3. It should have compact operation panel for easy measurement of waveforms and latency marking.
4. 8channel system with optical isolation and Ethernet connection for Laptop or Desktop system use.
5. It should be upgradable to 12, 16 channel
6. Amplifier should have 8 or more channel with two non switched and six switched channel.
 - Input impedance :- > 1000 Mohm.
 - Low filter setting :- 0.01 – 3KHz or higher
 - High filter setting :- 10 Hz – 20 KHz or higher
 - Noise :- < 0.5 MmV RMS
 - AC interference notch filter 50 Hz, 60 Hz or Off
 - Electrode to skin impedance check :- 2 to 20 K ohm
 - Artifact rejection hardware for preventing the stimuli artifact from saturating the amplifier.
 - CMRR :- Above 100 dB isolation mode
 - Sensitivity 1 micro volt per div to 10 milli volt per div or higher
 - Minimum 24 bit A/D convertor
 - 48 Khz sampling rate per channel or higher
7. Auditory stimulator
 - Polarity :- Condensation ,Rarefaction or Alternating
 - Intensity: - Varying from 0 to 100 dBNHL or higher or -30 to 1009 dBspl NHL or higher depending upon stimulus type, frequency & transducer type.
 - Stimulus :- Varying type between click, Tone Pip & Tone Burst
8. Visual stimulator :- LED Goggles & Monitor
 - Should choose pattern stimulus color and pattern intensity.
 - Pattern type should be checks, bars or gratings.
 - Pattern should be full filed or partial field.
 - Should have provisions to choose the target size, position, color & static or pulsating target.
 - 15 “ or higher VEP monitor.
9. **Software :-**
 - System software should be compatible with Windows 7 or higher operating system.
 - Should have NCS, F wave reflex blink reflex, RNST, Inching studies, tremor analysis, P 300 and other essential study software's.
 - Should have software for motor & sensory NCV with automatic marking & manual marking.
 - The system should have needle EMG & single fibre EMG software.
 - It should be able to record artifact free Insertional /Spontaneous activity for minimum 500 sec on hard disc for unlimited times or unlimited buffer storage with provision for converting EMG files to AVI files.
 - It shold have provision for replay of recorded EMG files with audio output.
 - Should have single motor unit analysis, Quantative analysis of single or multiple MUP's & jitter analysis for single fibre EMG.
 - Should have provision for VEP, AEP, Heart rate variability SSR & SEP.
 - The software should have provision to measure the hearing threshold for BERA test.

- It should be capable of grand averaging the responses for better signal quality in EP tests.
 - It should have Automatic as well as Manual report generating software & Report should be linked to record.
- 10 **Computer specifications:-**
- Hard disc :- 2 TB
 - RAM :- Min 4 GB
 - Processor :- Intel core i5 or higher
 - Operating system :- windows 7 or higher
 - DVD/CD writer
 - 21" monitor or higher
 - Good quality laser printer
 - Multimedia speakers inbuilt
- 11 UPS of min 1 KVA with spike protection & having 60 minutes backup time.
- 12 Trolley
- 13 The system should have the necessary safety & regulatory certifications and quality approvals (FDA/CE).
- 14 The firm should provide a comparative sheet with all points marked in the technical sheet provided by the manufacture.
- 15 The Firm should be able provide the necessary guarantee, warranty & AMC for the machine supplied.
- 16 **Accessories :-** system should be supplied with following :-
- Auditory Headphones & Ear Inserts
 - EMG Needle holder
 - 15" or higher VEP monitor
 - Temperature probe
 - Sensory ring stimulating electrodes
 - Bar stimulating electrodes (Pediatric & Neonatal size)
 - Surface Cup electrodes 5 set for EP test
 - Disposable EMG needle 35 mm__50 No
 - Disposable EMG needle 25 mm__50 No
 - Skin preparation jelly_____25 No
 - 10-20 conducting paste _____25 No
 - Disposable Insert earplugs of different sizes