



E.S.I.HOSPITAL Cost of Tender Rs-200/
SREE MAA ANADMAYEE MARG , OKHLA PH-1
NEW DELHI-110020.

Website: www.esic.nic.in

Tender for Coulor Doppler Ultrasound machine.

| S.N | Name of the Equipments | Last Date | EMD |
|-----|-----------------------------------|------------|---------|
| 1 | Coulor Doppler Ultrasound machine | 17-10-2011 | 50000/- |

TENDER DOCUMENT

EMPLOYEES STATE INSURANCE CORPORATION

OFFICE OF THE MEDICAL SUPERITENDENT

E.S.I.C. HOSPITAL OKHLA

F.NO.114/ U/16/19/16-II/10-11-ESI OKH Rad Equip.

Earnest Money as indicated against the name of the equipment in favor of ESI Fund Account No. 1 payable at New Delhi

TENDER FORM FOR EQUIPMENT FOR Radiology Equipments due on 17-10-2011

Under Two Bid System

Sealed quotations are invited for the procurement of the Colour Doppler.

| Name of Equipment | Quantity | Earnest Money |
|-----------------------------------|----------|---------------|
| Coulor Doppler Ultrasound machine | One | 50000/- |

Tenders complete in all respect, must be deposited in the tender box kept in the office of the Dy. Medical Superintendent, ESIC Okhala Delhi on or before 17-10-2011 upto 1.00pm. The tenders will be opened on the same day in the chamber of Dy. Medical Superintendent at 2.00pm in the presence of tenderers of their representatives who may like to be present on that day. In case 17-10-2011 is declared as holiday tenders shall be received and opened on next working day as per the above mentioned schedule. The tender/s should be submitted in sealed envelope addressed to the Medical Superintendent, ESIC Okhla Hospital Delhi, The envelop should be super-scribed as "Tender for Colour Doppler due on 17-10-2011, ESIC Okhla Hospital Delhi.

Tenderers are to submit two bids Viz. Techno-commercial Bid and Price Bid separately super-scribing as "Techno- commercial Bid" for Colour Doppler due 17-10-2011, on first envelop and "Price Bid" for Colour Doppler Due on 17-10-2011, on the second envelop. Both the envelops should have name of the company quoting the tender, Each and every page of the quotation should be separately numbered and duly signed. Both the envelops are again to be sealed and put in a single envelop Super-scribing name of equipment and name of company last date of submission of tender (as described in first Para above) addressed to the Medical Superintendent, ESI Hospital Okhla, Delhi.

The contents of Techno commercial Bid should include following items

1. Covering letter indicating the list of enclosures.
2. EMD in accordance with instructions as above.
3. Name and detailed specifications of the quoted equipment with price blanked.
4. Name and detailed specifications of essential accessories if any with price blanked.
5. Name and detailed specifications of optional accessories if any with price blanked.

6. Name and detailed specifications of alternative equipments if any with price blanked.
7. Warranty offeredyear/s (Minimum for one year / as detailed in specifications)
8. Rates of AMC and CMC minimum for 5 years after expiry of warranty.
9. Statement of deviation parameter wise from tendered commercial conditions/Specifications if any.
10. Copy of income tax clearance certificate, latest PAN / TAN & ECSdetails.
11. Statement of deviation parameter wise from tendered conditions, if any.
12. Authority letter from manufacturer /authorized distributors/ stockiest if applicable.
13. Users list with telephone number
14. Name and address of nearest authorized service center.
15. Catalogue of the equipment showing the make/ model no and specifications.
16. Declarations /undertaking on stamp paper as per the Performa enclosed.

Note : all documents should be enclosed as per serial wise, if any documents found short then the tender may be rejected.

The contents of price Bid should include following items

The information given at Techno commercial bid should be reproduced in price bid with prices indicated.

Rates should preferably be typed in words as well as figures, free from erasing, cutting and over writing.

Price quoted should match with the items quoted in technical bid.

Each and every pages of the quotation be separately numbered and duly signed.

Only Techno- commercial bid (Unpriced bid) will be opened first and shall be referred for the technical evaluation. The price bid of only those tenderers whose Technical bid is found acceptable by the competent authority will be opened for further action.

In case the price quoted can not be matched with the item/s quoted in technical bid the bid shall be liable to be rejected.

Rates and S.T / VAT must be quoted separately. The 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 the men and material required for the same and including charges for the quoted warranty period.

The price should be on F.O.R. ESIC Okhla Hospital Delhi. No other charges in quoted 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 to rejection.

The price should be quoted in I.N.R.

UNDERTAKING: (To be submitted in no judicial stamp paper of Rs 10/-)

1. I,----- (Name of the authorized Signatory) the undersigned hereby declare and affirm that I have gone through the terms and conditions governing the tender and undertake to comply with all the terms and conditions.

2. That the rates quoted by me are valid and binding upon me for the entire period of contract.

3. The rates quoted are not the higher than quoted for any other govt. Institution / hospital in India.

4. That the earnest money of Rs. ----- deposited by me vide Banker Cheque/ Demand Draft no. ----
----Dt.-----drawn on -----(Name of the Bank) is attached herewith.

5. That I/We authorize Medical Superintendent to forfeit the earnest money deposited by me /us if any delay or failure to supply the article within stipulated time and the items of desired/ quoted quality.
6. That I will be in the position to provide annual Maintenance contract /Comprehensive Maintenance contract (AMC/CMC), spare parts, accessories attached and its consumables for 6 years from the date of satisfactory installation of the equipment.
7. That there is no vigilance/ CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
8. That I hereby undertake to supply the items as per directions given in the supply order within stipulated period.
9. That I undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee.
10. I have been informed that the Medical Superintendent has the right to accept or reject any or all the tenders without assigning any reason thereof.

Signature and address of the tenderer

TERMS AND CONDITIONS GOVERNING CONTRACT

1. The tenderer must enclose a draft/banker Cheque of **Rupees (as detailed above)** as earnest money drawn in favor of ESIC FUND A/C no.1.
2. EMD Deposited with earlier tender if any or in any other form as given will not be adjusted /accepted against this tender. Tender without EMD will not be accepted in any case.
3. Tenderer will have to demonstrate the quoted item to Technical Evaluation Committee within the stipulated time frame as and when asked for or as has been mentioned in the tender. The tender shall be liable to be cancelled on non-compliance of this clause.
4. EMD will be released after finalization of the tender to unsuccessful bidder/s, against submission of request letter and advance pre receipt.
5. Successful bidder has to deposit 10% of the total cost of equipment as performance security with the Medical Superintendent in the form of demand Draft/ Banker's Cheque, else 10% of the payment due (Rounded –up) shall be with-held which will be released on satisfactory performance of the equipment after expiry of warranty.
6. The company will get only one chance for demo. In case the company fails to arrange the demo the tender shall liable to be cancelled.
7. The date of demonstration shall be fixed with mutual consent on telephone the same shall be confirmed in writing and by fax. In any case not more than two weeks time shall be given to arrange for demo.
8. In case demo of the equipment is required the same has to be arranged at ESI Hospital okhla or within the Delhi / NCR.
9. Only the items of manufacturer or their authorized distributors/ stockiest would be considered.
10. Tenderer must provide the telephone and fax no with tender for all correspondence.
11. The equipment should be guaranteed / warranted for a minimum period of one year or as mentioned in specifications w.e.f the date of satisfactory installation and inspection.
12. Delivery Schedule: With in 6 weeks after placement of supply order.

13. Firms should undertake to enter into annual maintenance Contract (AMC/ CMC) for equipment as well as for accessories attached, for minimum period of five year after completion of warranty period and accordingly quote the rates of AMC for five years. The rates quoted should be both for comprehensive AMC as well as non comprehensive AMC for five year. Firm should undertake to keep the equipment in running order throughout the year. and in case of equipment going out of order the fault will be attended with in 24 hours of lodging the complaint.
14. Payment of equipment will be made within ten days after the successful installation and satisfactory inspection of the equipments.Tenderer are advised to submit their ECS no and details for speedy payment of EMD and cost of equipment etc.
15. For the equipment where the reagent and cartridge, consumables etc are required, the price bid must include: a) Rate list indicating the prices and packing prevalent on date of tendering. b) List indicating cost and life of consumables.
16. Photo copy of latest Incom tax clearance / PAN no should be enclosed with the completed tender.
17. Tenderer if not a manufacturer has to submit manufacturer authorization certificate.
18. Number of installation, installation in local area, feed back from them, proximity of service center, quality of equipment, duration of warranty offered, rates of AMC / CMC, modern technology shall also be criteria in making the decision.
19. Higher end model /additional feature may get preference.
20. Medical Superintendent has the right to accept or reject any or all the tenders, without assigning any reason/s thereof.
21. Installation to be done by the supplier.
22. Place of delivery: ESI Hospital Okhla.
23. The tenderer is require to submit an undertaking as per the proforma enclosed on a non judicial stamp paper of Rs-10.

SPECIFICATIONS FOR COLOR DOPPLER ULTRASOUND MACHINE

The system should be latest fully Digital Whole Body Color Doppler Ultrasound system and can be used for applications like Abdominal, cardiac, OBs/Gynae, small parts, endocavitary, Pediatrics & Vascular applications. The system should have following essential features:-

1. The system should have following image modes: 2D, M mode, PW, tissue Harmonic mode, Color Doppler, power Doppler mode.
2. The system should have minimum 8000 or more digital processing channels and 256 or more grey shades.
3. The system should have a very high dynamic range of 170dB or more and should independently selectable in B& Mmode.Please specifies the range.
4. The system should have a very high frame rate for B mode & color mode. Minimum frame rate should be greater than 200 fps for B-mode & color mode. Please specify the maximum frame rate range in the B-mode & M-mode.
5. The system should be able to support all types of multifrequency transducers (Convex, endocavitary, Linear, volume Transducers) with variable and suitable frequency ranges.
6. The system should have advanced measurement packages for all applications.
7. The system should have an integrated high resolution TFT/LCD of 15 inches or more with the facility of tilt and swivel facility along with convenient grip.

8. The system should have minimum three active universal ports. Active ports can be directly selectable from the control panel.
9. The system have scanning depth in the range of 2-24 cms or higher.
10. The system should have Hard Disc Drive, with minimum 80 GB for storage of images.
11. The system should have inbuilt CD/DVDR/W and USB ports for image export.
12. The system should have zoom facility both in real time and frozen image and it should be at least 4 times or more in both real time & frozen modes.
13. The system should have minimum 4 steps transmitting focusing (transmit focal zones) and adjustable gain should be available upto 90dB for B-mode & M-mode.
14. The system should have Directional Power Doppler to define the low blood flow directions.
15. The system should have automatic optimization in B-mode and auto adjustment of Doppler base-line & velocity range.
16. The system should have B-mode image steering & color Doppler steering. Please mention the angle.
17. The system should have the facility of trapezoid imaging with linear probes.
18. The system should have the facility of Panoramic View imaging (Quote optionally).
19. The system should have real time compound imaging technology for getting better image quality.
20. The system should have contrast Harmonic Imaging available at least with Convex and linear array probes.
21. The system should have the facility of on screen adjustment for Dynamic range, Frequency selection, Presets, Name of the patient etc.
22. The system should the facility to view the Thumbnail images and system can be programmed for various users.
23. The system should have direct connectivity to the inkjet / laser printer as well as dry printer.
24. The system should have inbuilt real time 3D(4D) package with the following modes:-
 - a) single sweep mode
 - b) 4D live mode
 - c) dual display of 4D image & a Planner image
 - d) 4 frame display of a 4D image & three planar images.
 - e) Multiframe display of planar images of a 4 D image
25. The system should support DICOM.
26. The system should be offered with the following probes and accessories:-
 - a) Convex probe with multiple & variable frequency ranges with THI.
 - b) Endovaginal probe of atleast view of 140 degree with multiple & variable frequency ranges.
 - c) Linear probe with multiple & variable frequency ranges with THI..
 - d) Convex volume probe with multiple & variable frequency ranges with THI.
 - e) 1 KVA on-line Ups.
 - f) B/W thermal printer.
27. The system should be FDA,IEC60601-1-2-37 approved.
28. Quoted system should be installed in five (minimum) reputed Govt.Institutions. Please attach the user list of quoted system mentioning address and Phone .no.
29. The system should have one year warranty. Please quote five year labour AMC, CMC after one year warranty.

Performa of compliance:

| S.No | Particulars / Specifications | Compliance or not | Remark If any. |
|------|---|-------------------|----------------|
| 1 | Covering letter indicating the list of enclosures | | |
| 2 | EMD | | |
| 3 | Name and model and make of equipments | | |
| 4 | Warranty offeredyear/s (Minimum for one year / as detailed in specificatio | | |
| 5 | Rates of AMC and CMC minimum for 5 years after expiry of warranty. | | |
| 6 | Statement of deviation parameter wise from tendered commercial condition Specifications if any. | | |
| 7 | Copy of income tax clearance certificate, latest PAN / TAN and ECS detail | | |
| 8 | Statement of deviation parameter wise from tendered conditions, if any | | |
| 9 | Authority letter from manufacturer /authorized distributors/ stockiest if app | | |
| 10 | Users list with telephone no. | | |
| 11 | Name and address of nearest authorized service center | | |
| 12 | Catalogue of the equipment showing the make/ model no and specifications | | |
| 13 | Declarations /undertaking on stamp paper as per the Performa enclosed. | | |
| 14 | Number of installation in local area. | | |
| 15 | Installation to be done by the Supplier | | |
| 16 | FOR ESI Hospital Okhla | | |



E.S.I.HOSPITAL Cost of Tender Rs-200/
SREE MAA ANADMAYEE MARG , OKHLA PH-1
NEW DELHI-110020.

Website: www.esic.nic.in

Tender for Coulor Doppler Ultrasound machine.

| S.N | Name of the Equipments | Last Date | EMD |
|-----|------------------------|------------|---------|
| 1 | CR System | 17-10-2011 | 50000/- |

TENDER DOCUMENT

EMPLOYEES STATE INSURANCE CORPORATION

OFFICE OF THE MEDICAL SUPERITENDENT

E.S.I.C. HOSPITAL OKHLA

F.NO.114/ U/16/19/16/10-11-ESI OKH Rad Equip.

Earnest Money as indicated against the name of the equipment in favor of ESI Fund Account No. 1 payable at New Delhi

TENDER FORM FOR EQUIPMENT FOR Radiology Equipments due on 17-10-2011

Under Two Bid System

Sealed quotations are invited for the procurement of the CR System.

| Name of Equipment | Quantity | Earnest Money |
|-------------------|----------|---------------|
| CR System | One | 50000/- |

Tenders complete in all respect, must be deposited in the tender box kept in the office of the Dy. Medical Superintendent, ESIC Okhala Delhi on or before -17-10-2011 upto 1.00pm. The tenders will be opened on the same day in the chamber of Dy. Medical Superintendent at 2.00pm in the presence of tenderers or their representatives who may like to be present on that day. In case -17-10-2011 is declared as holiday tenders shall be received and opened on next working day as per the above mentioned schedule. The tender/s should be submitted in sealed envelope addressed to the Medical Superintendent, ESIC Okhla Hospital Delhi, The envelope should be super-scribed as "Tender for CR System due on 17-10-2011, ESIC Okhla Hospital Delhi.

Tenderers are to submit two bids Viz. Techno-commercial Bid and Price Bid separately super-scribing as "Techno-commercial Bid" for CR System due 17-10-2011, on first envelopes and "Price Bid" for CR System Due on 17-10-2011, on the second envelope. Both the envelopes should have name of the company quoting the tender, Each and every page of the quotation should be separately numbered and duly signed. Both the envelopes are again to be sealed and put in a single envelope Super-scribing name of equipment and name of company last date of submission of tender (as described in first Para above) addressed to the Medical Superintendent, ESI Hospital Okhla, Delhi.

The contents of Techno commercial Bid should include following items

17. Covering letter indicating the list of enclosures.
18. EMD in accordance with instructions as above.
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21. Name and detailed specifications of optional accessories if any with price blanked.

22. Name and detailed specifications of alternative equipments if any with price blanked.
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24. Rates of AMC and CMC minimum for 5 years after expiry of warranty.
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28. Authority letter from manufacturer /authorized distributors/ stockiest if applicable.
29. Users list with telephone number
30. Name and address of nearest authorized service center.
31. Catalogue of the equipment showing the make/ model no and specifications.
32. Declarations /undertaking on stamp paper as per the proforma enclosed.

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Rates and S.T / VAT must be quoted separately. The 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 the men and material required for the same and including charges for the quoted warranty period.

The price should be on F.O.R. ESIC Okhla Hospital Delhi. No other charges in quoted 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 to rejection.

The price should be quoted in I.N.R.

UNDERTAKING: (To be submitted in no judicial stamp paper of Rs 10/-)

1. I,----- (Name of the authorized Signatory) the undersigned hereby declare and affirm that I have gone through the terms and conditions governing the tender and undertake to comply with all the terms and conditions.

2. That the rates quoted by me are valid and binding upon me for the entire period of contract.

3. The rates quoted are not the higher than quoted for any other govt. Institution / hospital in India.

4. That the earnest money of Rs. ----- deposited by me vide Banker Cheque/ Demand Draft no. ----
----Dt.-----drawn on -----(Name of the Bank) is attached herewith.

5. That I/We authorize Medical Superintendent to forfeit the earnest money deposited by me /us if any delay or failure to supply the article within stipulated time and the items of desired/ quoted quality.
6. That I will be in the position to provide annual Maintenance contract /Comprehensive Maintenance contract (AMC/CMC), spare parts, accessories attached and its consumables for 6 years from the date of satisfactory installation of the equipment.
7. That there is no vigilance/ CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
8. That I hereby undertake to supply the items as per directions given in the supply order within stipulated period.
9. That I undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee.
10. I have been informed that the Medical Superintendent has the right to accept or reject any or all the tenders without assigning any reason thereof.

Signature and address of the tenderer

TERMS AND CONDITIONS GOVERNING CONTRACT

24. The tenderer must enclose a draft/banker Cheque of **Rupees (as detailed above)** as earnest money drawn in favor of ESIC FUND A/C no.1.
25. EMD Deposited with earlier tender if any or in any other form as given will not be adjusted /accepted against this tender. Tender without EMD will not be accepted in any case.
26. Tenderer will have to demonstrate the quoted item to Technical Evaluation Committee within the stipulated time frame as and when asked for or as has been mentioned in the tender. The tender shall be liable to be cancelled on non-compliance of this clause.
27. EMD will be released after finalization of the tender to unsuccessful bidder/s, against submission of request letter and advance pre receipt.
28. Successful bidder has to deposit 10% of the total cost of equipment as performance security with the Medical Superintendent in the form of demand Draft/ Banker's Cheque, else 10% of the payment due (Rounded –up) shall be with-held which will be released on satisfactory performance of the equipment after expiry of warranty.
29. The company will get only one chance for demo. In case the company fails to arrange the demo the tender shall liable to be cancelled.
30. The date of demonstration shall be fixed with mutual consent on telephone the same shall be confirmed in writing and by fax. In any case not more than two weeks time shall be given to arrange for demo.
31. In case demo of the equipment is required the same has to be arranged at ESI Hospital okhla or within the Delhi / NCR.
32. Only the items of manufacturer or their authorized distributors/ stockiest would be considered.
33. Tenderer must provide the telephone and fax no with tender for all correspondence.
34. The equipment should be guaranteed / warranted for a minimum period of one year or as mentioned in specifications w.e.f the date of satisfactory installation and inspection.
35. Delivery Schedule: With in 6 weeks after placement of supply order.

36. Firms should undertake to enter into annual maintenance Contract (AMC/ CMC) for equipment as well as for accessories attached, for minimum period of five year after completion of warranty period and accordingly quote the rates of AMC for five years. The rates quoted should be both for comprehensive AMC as well as non comprehensive AMC for five year. Firm should undertake to keep the equipment in running order throughout the year. and in case of equipment going out of order the fault will be attended with in 24 hours of lodging the complaint.
37. Payment of equipment will be made within ten days after the successful installation and satisfactory inspection of the equipments.Tenderer are advised to submit their ECS no and details for speedy payment of EMD and cost of equipment etc.
38. For the equipment where the reagent and cartridge, consumables etc are required, the price bid must include: a) Rate list indicating the prices and packing prevalent on date of tendering. b) List indicating cost and life of consumables in price bid.
39. Photo copy of latest Incom tax clearance / PAN no should be enclosed with the completed tender.
40. Tenderer if not a manufacturer has to submit manufacturer authorization certificate.
41. Number of installation, installation in local area, feed back from them, proximity of service center, quality of equipment, duration of warranty offered, rates of AMC / CMC, modern technology shall also be criteria in making the decision.
42. Higher end model /additional feature may get preference.
43. Medical Superintendent has the right to accept or reject any or all the tenders, without assigning any reason/s thereof.
44. Installation to be done by the supplier.
45. Place of delivery: ESI Hospital Okhla.
46. The tenderer is require to submit an undertaking as per the Performa enclosed on a non judicial stamp paper of Rs-10.

SPECIFICATIONS FOR Computerized Radiography System.

Specifications

For Multiple Loading CR System with High res Multi Film size Dry Imager

The computerized Radiography (CR) system (Computed Radiography system) should have the following essential components & features:-

a)Image recording system (Cassettes & image Plates);

i)cassettes:-

| | |
|------------|----------|
| a)14"x17" | -02 nos. |
| b)14"x14" | -03 nos |
| c)11"x 14" | -01 nos |
| d)10"x12" | -02 nos |
| e)8"x10" | -02 nos |

ii) Image plates :-

| | |
|-----------|---------|
| a)14"x17" | -02 nos |
| b)14"x14" | -03nos |
| c)11"x14" | -01nos |
| d)10"x12" | -02 nos |
| e)8"x10" | -02 nos |

b)Image reader (CR reader)/Digitizer

High end digitizer/Image reader suitable for Large Government Hospital which should be a multilayer having capability to handle workload. It should have the following features:-

- I) Processing capacity 80 plates/hour or more.
 - II) Depth acquisition resolution should be of 12 bits.
 - III) Unit offered should have at least 2 types of scanning resolution & high resolution. The unit should be able to read Mammography scanning.
 - IV) It should have possibility for user configurable anatomical presets. Maximum presets preferred.
 - V) Should have provision for highest resolution scanning for any size.
 - VI) Should have various post-processing features like window level adjustment, Rotation, Zooming, Annotation, Noise reduction, Cropping etc.
 - VII) It should be DICOM COMPATIBLE.
 - VIII) It should have the ability to process cassettes of size 8"x 10", 10" x 12", 11"x 14", 14" x 14", 14" x 17".
 - IX) It should be able to pan & zoom the image directly when required to check the quality of the image.
- It should have multiple input / output buffers or cassette slots, each or more for loading of multiple cassettes at one time (higher no of such slots will be preferable)

C) Dedicated Advanced Work station:-

The CR system should have advanced workstation provided with at least 19" high resolution Medical grade LCD monitor, Key board & mouse with the following features :-I)PC based unified server /workstation for centralized patient identification & management of image /studies.

- II)It should be capable of processing raw image data of the CR Reader/Digitizer.
- III)It should have post processing facilities like window level adjustments, Image flipping & rotating ,cropping, image zooming ,edge enhancement, latitude reduction ,image noise reduction, grey scale saturation feedback electronic shuttering etc.edge enhancement ,latitude reduction & noise reduction should be providing in console of workstation.
- IV)It should have latest special image processing, diagnostic software to obtain high quality image. Facility to process Soft tissues & bones separately should be available.
- V)It should have capability to use high resolution scanning for mammography of latest version in console of workstation. Mammography scanning software should be provided as standard.
- VI)Process of identification should be ready for interface with existing Hospital information system(HIS) or radiology Information system (RIS) in DICOM protocols.
- VII)This terminal must provide a full fledged DICOM printing. Should be able to print formats (more than 4) of a patient study, print a true size.

D) Second Advanced Processing work station :-

It should have independent, full functionality software with separate workstation PC with at least 17" LCD Display, with facility of CD / DVD writing of universally viewable CD's for taking images on CD. The PC should have 1 GB RAM,80 GB or above hard disc. The second workstation software should be provided with multimodality processing

software capable for Multimodality Connectivity & printing capability and should be capable to connect USG, CT; MRI etc. It should also have facility for Multi patient printing on Single film. The workstation should also have an option to connect to additional viewing workstation for doctor's room.

E) Dry Camera /Imager:-

A dry printer of latest technology should be provided with the system with the following features:-

1. Print technology should be dry.
2. Printing resolution should be not less than 500 DPI for standard resolution printing.
3. Processing capacity :It should be able to print at least 100 sheets/hour depending upon the size.
4. Pixels depth architecture /grey scale resolution should be 12 bits or more.
5. It should have compatibility of networking & connectivity –there should be provision of direct connectivity to any DICOM modality & on installation there should be available essential provision of connection to at least 5 DICOM modalities simultaneously, for high volume centralized US,CT,MRI,NM,CR & DR,C-ARM printing applications.
6. The system should be capable to connect /link non-DICOM modalities also by connecting it to DICOM
7. It should be able to support film size 14x71, 14x14, 11x14, 10x12 & 8 x10.
8. It should have 3 film sizes online.
9. It should be capable of printing in different layouts & multiple formats on a single film. Customized layouts & formats should be independent of film size. It should be capable of printing images of multiple patients & multiple images of single patients in single size.

F) Connectivity to PACS:- System must be ready to integrate itself in PACS environment.

G) U.P.S.:- Company should UPS for the whole system with 10 minutes backup.

H) Installation list:

Firm should attach installation list in India of the model quoted out of which at least two installations should be in gvt.hospitals or government medical institute. Performance certificates from HOD should be attached.

The system should have at least one year warranty. With at least 3 years Warranty of exposure and imaging plate. The company shall replace any damage or replacement required in imaging plate to use. Also quote price for new imaging plate of various sizes & cassettes which may be fixed for next 5 yrs., in case the hospital needs to buy additional in future.

Performa of compliance:

| S.No | Particulars / Specifications | Compliance or not | Remark If any. |
|------|---|-------------------|----------------|
| 1 | Covering letter indicating the list of enclosures | | |
| 2 | EMD | | |
| 3 | Name and model and make of equipments | | |
| 4 | Warranty offeredyear/s (Minimum for one year / as detailed in specificatio | | |
| 5 | Rates of AMC and CMC minimum for 5 years after expiry of warranty. | | |
| 6 | Statement of deviation parameter wise from tendered commercial condition Specifications if any. | | |
| 7 | Copy of income tax clearance certificate, latest PAN / TAN and ECS detail | | |
| 8 | Statement of deviation parameter wise from tendered conditions, if any | | |
| 9 | Authority letter from manufacturer /authorized distributors/ stockiest if app | | |
| 10 | Users list with telephone no. | | |
| 11 | Name and address of nearest authorized service center | | |
| 12 | Catalogue of the equipment showing the make/ model no and specifications | | |
| 13 | Declarations /undertaking on stamp paper as per the Performa enclosed. | | |
| 14 | Number of installation in local area. | | |
| 15 | Installation to be done by the Supplier | | |
| 16 | FOR ESI Hospital Okhla | | |



E.S.I.HOSPITAL Cost of Tender Rs-200/
SREE MAA ANADMAYEE MARG , OKHLA PH-1
NEW DELHI-110020.

Website: www.esic.nic.in

Tender for Anaesthesia Work Station.

| S.N | Name of the Equipments | Last Date | EMD |
|-----|--------------------------|------------|---------|
| 1 | Anaesthesia Work Station | 17-10-2011 | 40000/- |

TENDER DOCUMENT

EMPLOYEES STATE INSURANCE CORPORATION

OFFICE OF THE MEDICAL SUPERITENDENT

E.S.I.C. HOSPITAL OKHLA

F.NO.114/ U/16/19/03/10-11- ESI OKH Anaesthesia Equip.

Earnest Money as indicated against the name of the equipment in favor of ESI Fund Account No. 1 payable at New Delhi

TENDER FORM FOR EQUIPMENT FOR Anaesthesia Equipments due on 17-10-2011

Under Two Bid System

Sealed quotations are invited for the procurement of the Anaesthesia Work Station.

| Name of Equipment | Quantity | Earnest Money |
|--------------------------|----------|---------------|
| Anaesthesia Work Station | One | 40000/- |

Tenders complete in all respect, must be deposited in the tender box kept in the office of the Dy. Medical Superintendent, ESIC Okhala Delhi on or before 17-10-2011 upto 1.00pm. The tenders will be opened on the same day in the chamber of Dy. Medical Superintendent at 2.00pm in the presence of tenderers of their representatives who may like to be present on that day. In case 17-10-2011 is declared as holiday tenders shall be received and opened on next working day as per the above mentioned schedule. The tender/s should be submitted in sealed envelope addressed to the Medical Superintendent, ESIC Okhla Hospital Delhi, The envelop should be super-scribed as "Tender for Anaesthesia Work Station due on 17-10-2011, ESIC Okhla Hospital Delhi.

Tenderers are to submit two bids Viz. Techno-commercial Bid and Price Bid separately super-scribing as "Techno- commercial Bid" for Anaesthesia Work Station due 17-10-2011, on first envelop and "Price Bid" for Anaesthesia Work Station Due on 17-10-2011, on the second envelop. Both the envelops should have name of the company quoting the tender, Each and every page of the quotation should be separately numbered and duly signed. Both the envelops are again to be sealed and put in a single envelop Super-scribing name of equipment and name of company last date of submission of tender (as described in first Para above) addressed to the Medical Superintendent, ESI Hospital Okhla, Delhi.

The contents of Techno commercial Bid should include following items

33. Covering letter indicating the list of enclosures.
34. EMD in accordance with instructions as above.
35. Name and detailed specifications of the quoted equipment with price blanked.
36. Name and detailed specifications of essential accessories if any with price blanked.

37. Name and detailed specifications of optional accessories if any with price blanked.
38. Name and detailed specifications of alternative equipments if any with price blanked.
39. Warranty offeredyear/s (Minimum for one year / as detailed in specifications)
40. Rates of AMC and CMC minimum for 5 years after expiry of warranty.
41. Statement of deviation parameter wise from tendered commercial conditions/Specifications if any.
42. Copy of income tax clearance certificate, latest PAN / TAN & ECSdetails.
43. Statement of deviation parameter wise from tendered conditions, if any.
44. Authority letter from manufacturer /authorized distributors/ stockiest if applicable.
45. Users list with telephone number
46. Name and address of nearest authorized service center.
47. Catalogue of the equipment showing the make/ model no and specifications.
48. Declarations /undertaking on stamp paper as per the Performa enclosed.

Note : all documents should be enclosed as per serial wise, if any documents found short then the tender may be rejected.

The contents of price Bid should include following items

The information given at Techno commercial bid should be reproduced in price bid with prices indicated.

Rates should preferably be typed in words as well as figures, free from erasing, cutting and over writing.

Price quoted should match with the items quoted in technical bid.

Each and every pages of the quotation be separately numbered and duly signed.

Only Techno- commercial bid (Unpriced bid) will be opened first and shall be referred for the technical evaluation. The price bid of only those tenderers whose Technical bid is found acceptable by the competent authority will be opened for further action.

In case the price quoted can not be matched with the item/s quoted in technical bid the bid shall be liable to be rejected.

Rates and S.T / VAT must be quoted separately. The 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 the men and material required for the same and including charges for the quoted warranty period.

The price should be on F.O.R. ESIC Okhla Hospital Delhi. No other charges in quoted 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 to rejection.

The price should be quoted in I.N.R.

UNDERTAKING: (To be submitted in no judicial stamp paper of Rs 10/-)

1. I,----- (Name of the authorized Signatory) the undersigned hereby declare and affirm that I have gone through the terms and conditions governing the tender and undertake to comply with all the terms and conditions.

2. That the rates quoted by me are valid and binding upon me for the entire period of contract.

3. The rates quoted are not the higher than quoted for any other govt. Institution / hospital in India.

4. That the earnest money of Rs. ----- deposited by me vide Banker Cheque/ Demand Draft no. ----
----Dt.-----drawn on -----(Name of the Bank) is attached herewith.

5. That I/We authorize Medical Superintendent to forfeit the earnest money deposited by me /us if any delay or failure to supply the article within stipulated time and the items of desired/ quoted quality.
6. That I will be in the position to provide annual Maintenance contract /Comprehensive Maintenance contract (AMC/CMC), spare parts, accessories attached and its consumables for 6 years from the date of satisfactory installation of the equipment.
7. That there is no vigilance/ CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
8. That I hereby undertake to supply the items as per directions given in the supply order within stipulated period.
9. That I undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee.
10. I have been informed that the Medical Superintendent has the right to accept or reject any or all the tenders without assigning any reason thereof.

Signature and address of the tenderer

TERMS AND CONDITIONS GOVERNING CONTRACT

47. The tenderer must enclose a draft/banker Cheque of **Rupees (as detailed above)** as earnest money drawn in favor of ESIC FUND A/C no.1.
48. EMD Deposited with earlier tender if any or in any other form as given will not be adjusted /accepted against this tender. Tender without EMD will not be accepted in any case.
49. Tenderer will have to demonstrate the quoted item to Technical Evaluation Committee within the stipulated time frame as and when asked for or as has been mentioned in the tender. The tender shall be liable to be cancelled on non-compliance of this clause.
50. EMD will be released after finalization of the tender to unsuccessful bidder/s, against submission of request letter and advance pre receipt.
51. Successful bidder has to deposit 10% of the total cost of equipment as performance security with the Medical Superintendent in the form of demand Draft/ Banker's Cheque, else 10% of the payment due (Rounded –up) shall be with-held which will be released on satisfactory performance of the equipment after expiry of warranty.
52. The company will get only one chance for demo. In case the company fails to arrange the demo the tender shall liable to be cancelled.
53. The date of demonstration shall be fixed with mutual consent on telephone the same shall be confirmed in writing and by fax. In any case not more than two weeks time shall be given to arrange for demo.
54. In case demo of the equipment is required the same has to be arranged at ESI Hospital okhla or within the Delhi / NCR.
55. Only the items of manufacturer or their authorized distributors/ stockiest would be considered.
56. Tenderer must provide the telephone and fax no with tender for all correspondence.
57. The equipment should be guaranteed / warranted for a minimum period of one year or as mentioned in specifications w.e.f the date of satisfactory installation and inspection.
58. Delivery Schedule: With in 6 weeks after placement of supply order.

59. Firms should undertake to enter into annual maintenance Contract (AMC/ CMC) for equipment as well as for accessories attached, for minimum period of five year after completion of warranty period and accordingly quote the rates of AMC for five years. The rates quoted should be both for comprehensive AMC as well as non comprehensive AMC for five year. Firm should undertake to keep the equipment in running order throughout the year. and in case of equipment going out of order the fault will be attended with in 24 hours of lodging the complaint.
60. Payment of equipment will be made within ten days after the successful installation and satisfactory inspection of the equipments.Tenderer are advised to submit their ECS no and details for speedy payment of EMD and cost of equipment etc.
61. For the equipment where the consumable / optional items, etc are required, the price bid must include:
 - a) Rate list indicating the prices and packing prevalent on date of tendering
62. Photo copy of latest Incom tax clearance / PAN no should be enclosed with the completed tender.
63. Tenderer if not a manufacturer has to submit manufacturer authorization certificate.
64. Number of installation, installation in local area, feed back from them, proximity of service center, quality of equipment, duration of warranty offered, rates of AMC / CMC, modern technology shall also be criteria in making the decision.
65. Higher end model /additional feature may get preference.
66. Medical Superintendent has the right to accept or reject any or all the tenders, without assigning any reason/s thereof.
67. Installation to be done by the supplier.
68. Place of delivery: ESI Hospital Okhla.
69. The tenderer is require to submit an undertaking as per the Performa enclosed on a non judicial stamp paper of Rs-10.

Technical Specifications of Anesthesia Work Station:

The system should be high end three gas system with three gases oxygen, Nitrous oxide and medical air. Should be provided with double scale flow meter with high flow and minimal flow. System should have at least three lockable drawers and a user friendly writing surface. Should be provided with provision of attachment of two cylinders one each for O₂ and N₂O. Pipe line, cylinder and airway pressure should be displayed on colour coded gauges and be visible at all the times. Should have facility of delivering basal flow of Oxygen on switching on the machine. Should have a dedicated port for returning gases to the scavenging system. System should have an easily accessible common gas outlet in the event of an emergency and for use of alternate breathing circuit. Should have built in safety feature like O₂ failure alarm, N₂O cut off, low O₂ pressure and hypoxic guard. Should have unlock able O₂ flush to deliver O₂ flow of approx. 40 lit/ min. Should have locking of the front castors by a single central brake mechanism. Cascade or dual flow tube should be available for all gases to allow suitable resolution and accurate control at low total fresh gas flows. System should have an independent measurements and display of fresh gas flow offering safety for low and minimal flow anesthesia. The unit should accommodate twoselectatec type vaporizers one for isoflurane and other for sevoflurane with interlocking facility. Vaporizers should be routine maintenance free.

Should be provided with key filling devices for vaporizers.

All parts of breathing system in contact with patient should be latex free and autoclavable.

System should accept large and small absorber canisters.

Breathing system should have the option of CO₂ absorber bypass control that will allow the absorber to be removed without introducing system leaks.

Should have bag / ventilator selecting valve integrated on to the absorber and should automatically turn on the ventilator when positioned to ventilator mode.

The frame of the machine should have integrated power outlets to supply a minimum of four external devices.

It shall be possible to deliver air with only basal flow oxygen independent of the hypoxic guard.

Gas flow shall be controlled mechanically to avoid errors during power failure and electronic malfunction.

Ventilator:

Ventilator should be pneumatically driven, electronically controlled and should be ascending bellow type.

Ventilator should automatically change drive gas should there be a gas depletion.

Should provide volume control, decelerating flow pressure control, SIMV with pressure control and pressure support.

Should be suitable for neonatal to adult patient range and for patients of restrictive air way disease and tidal volume range of 20ml to 1500ml with single bellow system.

Assisted mode of ventilation should be flow triggered.

Ventilator should have an active proportional exhalation valve to prevent the potential of overdelivery during pressure modes of ventilation.

Ventilator should have a leak & compliance test that can be done independently of the full system check.

Should have a colour display with touch screen user interphase.

On switching on should give the user a choice of doing a unit test or by passing in case of an Emergency.

Ventilator shall compensate for fresh gas flow and compliance of entire circuit dynamically.

There should be option of setting a pre set compliance correction where similar circuits are used constantly.

Should have the ability to set and store hospital default as well as individual user preferences for easy selection of ventilator parameters and include screen layout, alarm preferences and ventilation setting.

Apnoea alarm should be user adjustable to allow for all operating condition and phases during anaesthesia.

Ventilator should have ability to display and store patient spirometry loops including flow volume and pressure volume curves.

Should also display wave forms for flow and airway pressure.

Should display measured fresh gas independent of flow meters.

Ventilator should display a dynamic compliance measurement..

INTEGRATED MONITORING SYSTEM:

Should be modular type and capable of monitoring adult paediatric and neonatal patients.

Should be from the same manufacturer as of anaesthesia system.

Should have 19" independent flat panel display with multicolour touch screen user interphase to ensure all parameter are visible simultaneously.

Module rack housing should independent and should be able to be placed near patient.

ECG should have capability for 3, 5 or 10 lead monitoring and should have inbuilt arrhythmia monitoring on all 12 lead.

Should have depth of anaesthesia monitoring using Bi-spectral index.

Should have automatic identification and measurement of anesthetic agent, Etco₂, O₂ and N₂O and MAC value.

Should be capable of 8 trace display and should monitor ECG, NIBP, SPO₂, Respiration invasive pressures (3), temperature (2), Capnography and bi-spectral index, should have cardiac output port enabled.

Inbuilt ST Segment analysis and arrhythmia detection for all leads should be available.

Should have haemodynamic, Oxygenation and drug dose calculation.

Etco₂ should have both main stream and side stream in one module.

Respiration should be available with cardiovascular artifact filter.

OCRG (Oxycardio respirogram) Should be available for monitoring neonates.

Alarm Parameter should flash red in presence of high priority alarms (e.g. ventricular fibrillation and a systole and flash yellow in the presence of medium or low priority alarm (e.g. noisy signal etc.)

Module should be compatible with transport monitor.

24 hrs. Trend data should be displayed.

Monitor should be provide capability to remote view of real time wave forms via the internet.

Should be upgradable to software for electronic flow sheet and full discloser of all waveforms.

On screen keyboard for entering this data should have USB port to connect mouse, keyboard, and bar code scanner.

Alarm limit status (on/off) must be indicated on screen for each parameter and actual parameter alarm setting must be displayed on screen when alarms are on.

Position of the displayed wave form and colour of the waveform must be user configurable.

Monitor should permit the optional ability to receive and display information from other patient devices such as ventilator, infusion pump and other stand alone devices.

Should be supplied with necessary accessories for adult, pediatrics and neonatal patients.

Should be US FDA approved.

Should be compatible with HIS and should be HL7 compliant.

It should have capability to accommodate remote viewing of real time waveform through internet.

Accessories and spares.:-

ECG/respiration: 5 lead ECG cable and lead wire set and 10 lead ECG Cable and lead wire set.

NIBP: Adult 2 sizes, pediatrics 2 size and neonatal 1 size.

Spo₂ sensor: adult sensor with cable pediatric sensor with cable and neonatal sensor with cable.

IBP: Include 10 nos. of disposable pressure transducer with bracket and interface cable.

Temperature: Skin and nasopharyngeal probes 1 each.

BIS: 25 nos. of disposable sensor.

Environment factor: safe disposal system: AGSS-anaesthetic gas scavenging system should be provided.

Performa of compliance:

| S.No | Particulars / Specifications | Compliance or not | Remark If any. |
|------|---|-------------------|----------------|
| 1 | Covering letter indicating the list of enclosures | | |
| 2 | EMD | | |
| 3 | Name and model and make of equipments | | |
| 4 | Warranty offeredyear/s (Minimum for one year / as detailed in specificatio | | |
| 5 | Rates of AMC and CMC minimum for 5 years after expiry of warranty. | | |
| 6 | Statement of deviation parameter wise from tendered commercial condition Specifications if any. | | |
| 7 | Copy of income tax clearance certificate, latest PAN / TAN and ECS detail | | |
| 8 | Statement of deviation parameter wise from tendered conditions, if any | | |
| 9 | Authority letter from manufacturer /authorized distributors/ stockiest if app | | |
| 10 | Users list with telephone no. | | |
| 11 | Name and address of nearest authorized service center | | |
| 12 | Catalogue of the equipment showing the make/ model no and specifications | | |
| 13 | Declarations /undertaking on stamp paper as per the Performa enclosed. | | |
| 14 | Number of installation in local area. | | |
| 15 | Installation to be done by the Supplier | | |
| 16 | FOR ESI Hospital Okhla | | |



E.S.I.HOSPITAL Cost of Tender Rs-200/
SREE MAA ANADMAYEE MARG , OKHLA PH-1
NEW DELHI-110020.

Website: www.esic.nic.in

Tender for Harmonic Scalpel.

| S.N | Name of the Equipments | Last Date | EMD |
|-----|--|------------|---------|
| 1 | Ultrasonic Cutting & Coagulating Device for Lap / open Surgery | 17-10-2011 | 50000/- |

TENDER DOCUMENT

EMPLOYEES STATE INSURANCE CORPORATION

OFFICE OF THE MEDICAL SUPERITENDENT

E.S.I.C. HOSPITAL OKHLA

F.NO.114/ U/16/19/05/11-12 ESI OKH SurgeryEquip.

Earnest Money as indicated against the name of the equipment in favor of ESI Fund Account No.

1 payable at New Delhi

TENDER FORM FOR EQUIPMENT FOR Surgery Equipments due on 17-10-2011

Under Two Bid System

Sealed quotations are invited for the procurement of the Harmonic Scalpel.

| Name of Equipment | Quantity | Earnest Money |
|-------------------|----------|---------------|
| Harmonic Scalpel | One | 50000/- |

Tenders complete in all respect, must be deposited in the tender box kept in the office of the Dy. Medical Superintendent, ESIC Okhala Delhi on or before 17-10-2011 upto 1.00pm. The tenders will be opened on the same day in the chamber of Dy. Medical Superintendent at 2.00pm in the presence of tenderers or their representatives who may like to be present on that day. In case 17-10-2011 is declared as holiday tenders shall be received and opened on next working day as per the above mentioned schedule. The tender/s should be submitted in sealed envelope addressed to the Medical Superintendent, ESIC Okhla Hospital Delhi, The envelope should be super-scribed as "Tender for Harmonic Scalpel due on 17-10-2011, ESIC Okhla Hospital Delhi.

Tenderers are to submit two bids Viz. Techno-commercial Bid and Price Bid separately super-scribing as "Techno-commercial Bid" for Harmonic Scalpel due 17-10-2011, on first envelope and "Price Bid" for Harmonic Scalpel Due on 17-10-2011, on the second envelope. Both the envelopes should have name of the company quoting the tender, Each and every page of the quotation should be separately numbered and duly signed. Both the envelopes are again to be sealed and put in a single envelope Super-scribing name of equipment and name of company last date of submission of tender (as described in first Para above) addressed to the Medical Superintendent, ESI Hospital Okhla, Delhi.

The contents of Techno commercial Bid should include following items

49. Covering letter indicating the list of enclosures.
50. EMD in accordance with instructions as above.
51. Name and detailed specifications of the quoted equipment with price blanked.
52. Name and detailed specifications of essential accessories if any with price blanked.
53. Name and detailed specifications of optional accessories if any with price blanked.

54. Name and detailed specifications of alternative equipments if any with price blanked.
55. Warranty offeredyear/s (Minimum for one year / as detailed in specifications)
56. Rates of AMC and CMC minimum for 5 years after expiry of warranty.
57. Statement of deviation parameter wise from tendered commercial conditions/Specifications if any.
58. Copy of income tax clearance certificate, latest PAN / TAN & ECSdetails.
59. Statement of deviation parameter wise from tendered conditions, if any.
60. Authority letter from manufacturer /authorized distributors/ stockiest if applicable.
61. Users list with telephone number
62. Name and address of nearest authorized service center.
63. Catalogue of the equipment showing the make/ model no and specifications.
64. Declarations /undertaking on stamp paper as per the Performa enclosed.

Note : all documents should be enclosed as per serial wise, if any documents found short then the tender may be rejected.

The contents of price Bid should include following items

The information given at Techno commercial bid should be reproduced in price bid with prices indicated.

Rates should preferably be typed in words as well as figures, free from erasing, cutting and over writing.

Price quoted should match with the items quoted in technical bid.

Each and every pages of the quotation be separately numbered and duly signed.

Only Techno- commercial bid (Unpriced bid) will be opened first and shall be referred for the technical evaluation. The price bid of only those tenderers whose Technical bid is found acceptable by the competent authority will be opened for further action.

In case the price quoted can not be matched with the item/s quoted in technical bid the bid shall be liable to be rejected.

Rates and S.T / VAT must be quoted separately. The 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 the men and material required for the same and including charges for the quoted warranty period.

The price should be on F.O.R. ESIC Okhla Hospital Delhi. No other charges in quoted 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 to rejection.

The price should be quoted in I.N.R.

UNDERTAKING: (To be submitted in no judicial stamp paper of Rs 10/-)

1. I,----- (Name of the authorized Signatory) the undersigned hereby declare and affirm that I have gone through the terms and conditions governing the tender and undertake to comply with all the terms and conditions.

2. That the rates quoted by me are valid and binding upon me for the entire period of contract.

3. The rates quoted are not the higher than quoted for any other govt. Institution / hospital in India.

4. That the earnest money of Rs. ----- deposited by me vide Banker Cheque/ Demand Draft no. ----
----Dt.-----drawn on -----(Name of the Bank) is attached herewith.

5. That I/We authorize Medical Superintendent to forfeit the earnest money deposited by me /us if any delay or failure to supply the article within stipulated time and the items of desired/ quoted quality.
6. That I will be in the position to provide annual Maintenance contract /Comprehensive Maintenance contract (AMC/CMC), spare parts, accessories attached and its consumables for 6 years from the date of satisfactory installation of the equipment.
7. That there is no vigilance/ CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
8. That I hereby undertake to supply the items as per directions given in the supply order within stipulated period.
9. That I undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee.
10. I have been informed that the Medical Superintendent has the right to accept or reject any or all the tenders without assigning any reason thereof.

Signature and address of the tenderer

TERMS AND CONDITIONS GOVERNING CONTRACT

70. The tenderer must enclose a draft/banker Cheque of **Rupees (as detailed above)** as earnest money drawn in favor of ESIC FUND A/C no.1.
71. EMD Deposited with earlier tender if any or in any other form as given will not be adjusted /accepted against this tender. Tender without EMD will not be accepted in any case.
72. Tenderer will have to demonstrate the quoted item to Technical Evaluation Committee within the stipulated time frame as and when asked for or as has been mentioned in the tender. The tender shall be liable to be cancelled on non-compliance of this clause.
73. EMD will be released after finalization of the tender to unsuccessful bidder/s, against submission of request letter and advance pre receipt.
74. Successful bidder has to deposit 10% of the total cost of equipment as performance security with the Medical Superintendent in the form of demand Draft/ Banker's Cheque, else 10% of the payment due (Rounded –up) shall be with-held which will be released on satisfactory performance of the equipment after expiry of warranty.
75. The company will get only one chance for demo. In case the company fails to arrange the demo the tender shall liable to be cancelled.
76. The date of demonstration shall be fixed with mutual consent on telephone the same shall be confirmed in writing and by fax. In any case not more than two weeks time shall be given to arrange for demo.
77. In case demo of the equipment is required the same has to be arranged at ESI Hospital okhla or within the Delhi / NCR.
78. Only the items of manufacturer or their authorized distributors/ stockiest would be considered.
79. Tenderer must provide the telephone and fax no with tender for all correspondence.
80. The equipment should be guaranteed / warranted for a minimum period of one year or as mentioned in specifications w.e.f the date of satisfactory installation and inspection.
81. Delivery Schedule: With in 6 weeks after placement of supply order.

82. Firms should undertake to enter into annual maintenance Contract (AMC/ CMC) for equipment as well as for accessories attached, for minimum period of five year after completion of warranty period and accordingly quote the rates of AMC for five years. The rates quoted should be both for comprehensive AMC as well as non comprehensive AMC for five year. Firm should undertake to keep the equipment in running order throughout the year. and in case of equipment going out of order the fault will be attended with in 24 hours of lodging the complaint.
83. Payment of equipment will be made within ten days after the successful installation and satisfactory inspection of the equipments.Tenderer are advised to submit their ECS no and details for speedy payment of EMD and cost of equipment etc.
84. For the equipment where the consumable / optional items, etc are required, the price bid must include:
 - a) Rate list indicating the prices and packing prevalent on date of tendering
85. Photo copy of latest Incom tax clearance / PAN no should be enclosed with the completed tender.
86. Tenderer if not a manufacturer has to submit manufacturer authorization certificate.
87. Number of installation, installation in local area, feed back from them, proximity of service center, quality of equipment, duration of warranty offered, rates of AMC / CMC, modern technology shall also be criteria in making the decision.
88. Higher end model /additional feature may get preference.
89. Medical Superintendent has the right to accept or reject any or all the tenders, without assigning any reason/s thereof.
90. Installation to be done by the supplier.
91. Place of delivery: ESI Hospital Okhla.
92. The tenderer is require to submit an undertaking as per the proforma enclosed on a non judicial stamp paper of Rs-10.

TECHNICAL SPECIFICATION OF ULTRASONIC CUTTING AND COAGULATING DEVICE FOR LAPAROSCOPIC/OPEN SURGERY.

- 1) It should have an ultrasonic generator with a frequency of 55.5 KHz capable of incising tissue and providing heamostasis with minimal thermal injury.
- 2) Its blade should have vibrating frequency of 55500 times per second. It should denatures tissue protein to form a sticky coagulam.
- 3) It should be capable of sealing the blood vessels up to 5 mm from inside out.
- 4) It should not raise the local temperature above 100 degree Celsius to prevent the lateral thermal damage.
- 5) It should have the function of Cavitation effect for resection of solid organs.
- 6) The Vibration should be gentle and should not shake the hands of operating surgeon. Also it produces minimum charring and desiccation of tissue.
- 7) It should not produce any smoke and gives clear visualization of surgical field during Laparoscopic surgery.
- 8) The equipment should have two operating modes ie Min and Max for cutting and coagulation
- 9) The equipment should be lightweight and can be mounted on suitable trolley.
- 10) It should have dual switch receptacles to connect two foot switches to allow simultaneous use by two surgeons.

Unit comprises of the following items:

HARDWARE:

- 1) Generator with following electronic configuration: One No.

Main input:
 100-240 VAC
 Frequency: 50/60 HZ
 Current consumption: 3 Amp

- 2) Foot Switch & Cable One No.
 3) Cart One No

ACCESSORIES:

- 1) Hand Piece One No.
 2) Blue Hand Piece One No

ENDOSCOPIC SURGERY INSTRUMENTS:

- 1) 5 mm laparoscopic hand activated coagulating shears with clicker,
 Curved mode 36 cm long ergonomic grip. Six pcs

OPEN SURGERY INSTRUMENT:

1. Curved shear 9 cm Three pcs
 2. Curved shear 17 cm Three pcs
 3. Test Tip with wrench One Pcs

Performa of compliance:

| S.No | Particulars / Specifications | Compliance or not | Remark If any. |
|------|---|-------------------|----------------|
| 1 | Covering letter indicating the list of enclosures | | |
| 2 | EMD | | |
| 3 | Name and model and make of equipments | | |
| 4 | Warranty offeredyear/s (Minimum for one year / as detailed in specificatio | | |
| 5 | Rates of AMC and CMC minimum for 5 years after expiry of warranty. | | |
| 6 | Statement of deviation parameter wise from tendered commercial condition Specifications if any. | | |
| 7 | Copy of income tax clearance certificate, latest PAN / TAN and ECS detail | | |
| 8 | Statement of deviation parameter wise from tendered conditions, if any | | |
| 9 | Authority letter from manufacturer /authorized distributors/ stockiest if app | | |
| 10 | Users list with telephone no. | | |
| 11 | Name and address of nearest authorized service center | | |
| 12 | Catalogue of the equipment showing the make/ model no and specifications | | |
| 13 | Declarations /undertaking on stamp paper as per the Performa enclosed. | | |
| 14 | Number of installation in local area. | | |
| 15 | Installation to be done by the Supplier | | |
| 16 | FOR ESI Hospital Okhla | | |