



EMPLOYEES' STATE INSURANCE CORPORATION
MEDICAL COLLEGE & HOSPITAL,
NH-3, NIT, FARIDABAD, Haryana-121001
(Under Ministry of Labour, Govt. of India)
Phone: 0129-4156471

No: 06 /2015-fbd

Date: 4/11/15

Tender Enquiry No.

06 /2015-fbd

Date of floating Tender:

4 /11/2015

Last Date & time of submitting of Tender:

2/12/2015(12.00 noon)

Date and time of opening Tender:

2/12/15 (1.00 pm)

Name of Item	Earnest Money	Bid System	Tender Document Cost	Date of Opening Of Tender
Supply of Equipments in the Department of Pharmacology in ESIC Medical College & Hospital, Faridabad (As Per list)	As mentioned in list against each item	Double bid	Rs. 500/-	2/12/15 at 1.00 pm

Dean, ESIC Medical College & Hospital, NH-3, Faridabad invites sealed bid under double bid system- Technical Bid and Price Bid:-

For Supply of Pharmacology Equipments in the Department of Pharmacology in ESIC Medical College & Hospital, Faridabad.

Interested firms are requested to collect Tender form with term & Conditions from Dean's Office ESIC Medical College & Hospital, NH-3, Faridabad, on any working day from 10.00 am to 3.00 pm and on Saturday from 10.00 am to 12 noon at the cost of Rs. 500 (Five hundred) in the form of Demand Draft (Nonrefundable) in favour of ESIC FUND ACCOUNT NO. 1 payable at Faridabad. Tender documents can also be downloaded from ESIC website (<http://www.esic.nic.in>, <http://www.esicmcfbd.org>) in that case DD for the cost is to be enclosed with Tender. Tender form is to be submitted completed in all respects along with prescribed EMD in favour of ESIC FUND ACCOUNT NO. 1 payable at Faridabad in form of Demand Draft. The Annexure- V (a) & V (b) contains the format in which price has to be quoted as per the commercial terms for the Tender.

Tender complete in all respects should be dropped in Tender box kept in the Committee Room of the Dean Office, ESIC Medical College & Hospital, Faridabad. Tender received after 12.00 noon on due date will not be entertained. The Technical Bid and Price Bid must be sealed by the bidder in the separate envelopes duly super scribed "**Technical Bids for Supply of Pharmacology Equipments in the Department of Pharmacology in ESIC Medical College & Hospital, Faridabad**", and "**Price Bid for Supply of Pharmacology Equipments in the Department of Pharmacology in ESIC Medical College & Hospital, Faridabad**" both the sealed envelope are to be put in the bigger envelope which should also be sealed and super scribed, "**Bid For Supply of Pharmacology Equipments in the Department of Pharmacology in ESIC Medical College & Hospital, Faridabad**".

Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer's capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Purchaser.

The Purchaser reserves the right to ask for a free demonstration of the quoted items at a pre-determined place acceptable to the purchaser for technical acceptability as per the Tender specifications, before the opening of the Price Tender.

Tenders will be opened on the due date at 1.00 pm in the Conference room of the ESIC Medical College & Hospital, NH-3, Faridabad In the presence of bidders or their authorized representative. If due date of opening is declared holiday, Tender will be opened on next working day at same time and place.

The undersigned reserves the right to accept or reject any or all the bids without assigning any reason at any stage.

DEAN
ESIC Medical College& Hospital, NH-3, Faridabad



EMPLOYEES' STATE INSURANCE CORPORATION
MEDICAL COLLEGE & HOSPITAL
NH-3, NIT, FARIDABAD Haryana-121001
(Under Ministry of Labour, Govt. of India)
Phone: 0129-4156471

No. 06 /2015-fbd

Date: 4 /11/2015

SUB: For Supply of Pharmacology Equipments in ESIC Medical College, Faridabad.

TENDER DOCUMENT

Tender is invited for Supply of **Pharmacology** Equipment in the Department of **Pharmacology** for ESIC Medical College, Faridabad up to scheduled time and Date. Sealed Tenders should bear the Tender inquiry No and be clearly super scribed as "For Supply of **Pharmacology** Equipments for **Pharmacology** Department in ESIC Medical College, Faridabad. Tenders submitted after scheduled time shall out rightly be rejected.

S No	Item	Qty	EMD	Warranty	CMC Required or not
1	Physical Balance with metric system weights	30	4350	2 years	Yes
2	Pestle and Mortar 6" Porcelain	30	270	No	No
3	Iron Spatula	30	18	No	No
4	China Dish 3"	30	27	No	No
5	Langandroff/ perfusion assembly	1	2500	2 years	Yes
6	Electric kymograph	1	600	2 Years	No
7	Analgesimeter Tail Flick Method (Digital)	1	2500	2 years	Yes
8	Electroconvulsimeter	1	2500	2 years	Yes
9	Rotarod Apparatus (computerised)	1	7500	2 years	Yes
10	Elevated Plus Maze	1	1500	2 years	Yes
12	Photoactometer	1	3000	2 years	Yes
13	Bicycle Ergometer	1	2000	2 years	Yes
14	Electric Hot Plate	2	500	2 Years	No

15	Double beam UV spectrophotometer	1	4,000	2 years	Yes
16	Cook's Pole Climbing Apparatus	1	1500	2 years	Yes
17	Electronic Balance	1	5000	2 years	Yes

Tenders complete in all respect, must be dropped in the Tender box kept in the Office of the Dean, ESIC Medical College & Hospital, NH-3, Faridabad, Haryana on or before the last date mentioned in the Tender notification. The Tenders will be opened as scheduled and indicated in the Tender notification, in the Conference hall at 1.00 pm in the presence of Tenderer's or their representatives on behalf of the bidder who may like to be present on that day. The representative of the bidder should bring with him a letter of authority from the bidder and proof of identification. In case date of opening of Tender is declared as holiday Tenders shall be received and opened on next working day as per the above mentioned schedule.

Two Bid System

Tenderers are to submit two sealed bids Viz. Techno-commercial Bid and Price Bid separately super-scribing as **“Tender For Supply of Pharmacology Equipments in the Department of Pharmacology in ESIC Medical College, Faridabad (Name of item) due on 2.12.2015** on first envelope and **“Price Bid”** for **“Tender For Supply of Pharmacology Equipment in the Department of Pharmacology in ESIC Medical College, Faridabad (Name of item) due on 2.12.15** 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 item and name of company. Last date of submission of Tender addressed to the Dean, ESIC Medical College & Hospital, NH-3, Faridabad as follows:

The Tender/s (Technical bid and price bid envelopes) should be put in sealed envelope addressed to the Dean, **ESIC Medical College & Hospital, NH-3, Faridabad, Haryana-121001**. The envelope should be super-scribed as **“Tender for Supply of Pharmacology Equipments in the Department of Pharmacology in ESIC Medical College, Faridabad(Name of item) due on 2.12.15**.

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/Price should be typed both in words as well as in figures, free from erasing, cutting and over-writing

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

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

Only Techno-commercial bid (Un-Priced 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 a committee authorized by the competent authority will be opened for further action.

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

Price and S.T. / VAT must be quoted separately. The price should be all inclusive lump sum including cost of the item, 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 for the quoted warranty period.

The price should be on F.O.R. ESIC Medical College & Hospital, NH-3, Faridabad basis. No other charges in addition will be payable on any account over and above the lump sum price quoted in the price bid except S.T/VAT. 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 of the items should be quoted in Indian Rupees only.

The contents of Techno Commercial Bid (Two bidTenders) should include following items

- 1 Covering letter indicating the list of enclosures.
- 2 Cost of Tender documents if downloaded from website by demand draft.
- 3 EMD in accordance with instructions as above.
- 4 Name and detailed specifications of the quoted item with price Blanked
- 5 Name and detailed specifications of essential accessories if any with price Blanked
- 6 Name and detailed specifications of optional accessories if any with price Blanked
- 7 Warranty Offered 2 Year/s (Minimum for Two Years)
- 8 Rates of CAMC minimum for 5 years after expiry of warranty as and where required.
- 9 User list.
- 10 Statement of deviation parameter wise from specifications if any.

- 11 Statement of deviation parameter wise from Tendered conditions, if any.
- 12 Copy of PAN No. /I.T.R. of last three years.
- 13 Proof of Turnover of at least Rs. 2.5 Crore each year for past three consecutive years.
- 14 Authority letter from manufacturer authorizing the distributor/stockiest if applicable.
- 15 Name and address of nearest authorized service center
- 16 Catalogue of the item showing the make/model no and specifications
- 17 Declaration/ undertaking on stamp paper as per the proforma enclosed (Annexure III) .

TERMS AND CONDITIONS GOVERNING CONTRACT

1. Any amendments in the Tender documents at any stage of Tender shall be uploaded on the website www.esic.nic.in, in the link for Tender Haryana and on www.esicmcfbd.org. Bidders shall not be permitted to withdraw their offer or modify the terms and conditions of these bidding documents. In case the bidder fails to observe and comply with the stipulations made herein or back out after quoting the rates or imposes any additional conditions, the aforementioned demand draft shall be forfeited.
2. One time custom exemption certificate for import of Hospital items under condition no. 86 at sl. No. 485 of the Ministry of Finance, Department of Revenue vide notification no. 12/2012-Customs dated 17th March 2012 has been issued for ESIC Medical College, Faridabad (Annexure-I).
3. Bidders or their manufacturer's who stand deregistered /banned/ blacklisted from any government authority in the past 5 years need not participate in the bidding.
4. The Tenderer must enclose a draft/banker Cheque for sum mentioned against each items as earnest money drawn in the favour of ESI Fund A/C No.1 payable at Faridabad or New Delhi, in case the bank does not have a clearing house at Faridabad, or fixed deposit receipt from a commercial bank or bank guarantee from a commercial bank which should be valid for a period of 9 months from last date of closure of bid.
5. 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.
6. Tenderer will have to demonstrate the quoted item to the Technical Evaluation Committee within the stipulated time frame as and when asked for. The Tender shall be liable to be

cancelled on non-compliance of this clause.

7. EMD will be released to unsuccessful bidder/s after finalization of Tender.
8. Preference shall be given to Tenderer who shall bid for 3 or more different items mentioned in the Tender.
9. 10% of the payment shall be with-held from the successful bidder, alternately the successful bidder shall submit bank guarantee for 3 months prospectively from the period of expiry of warranty. The same will be released on satisfactory performance of the item after expiry of warranty.
10. Either the authorized Indian agent on behalf of the principal/OEM or principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same Tender.
11. If an agent submits bid on behalf of one principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same Tender for same item/product.
12. The company will get only one chance for demonstration. In case the company fails to arrange the demonstration the Tender shall be liable to be cancelled.
13. The date for demonstration shall be fixed with mutual consent on telephone/e-mail the same shall be confirmed in writing and by fax/e-mail. Only reasonable time shall be given to arrange for demonstration.
14. In case demonstration of the item is asked (if any) the same has to be arranged at Faridabad.
15. Only the manufacturers or their authorized distributor/stockist would be considered.
16. Tenderer must provide the telephone and fax no/e-mail with Tender for all correspondence.
17. The item should be guaranteed/warranted for a minimum period of two years or as mentioned in specifications from the date of satisfactory inspection, installation and commissioning.
18. Tenderer should have service setup at Delhi NCR region.
19. Delivery schedule: - Within 45 days after placement of supply order.
20. Firm should undertake to enter into Comprehensive Annual Maintenance Contract (CAMC) for item where ever required as well as for accessories attached, for minimum period of five years after completion of warranty period and accordingly quote the rates of CAMC for five years. The rates quoted should be both for Comprehensive AMC (CMC) as well Non Comprehensive AMC (AMC) for five years. Firm should undertake to keep the item in running order throughout the year and in case of item going out of order during

warranty/AMC/CMC the fault will be attended within 24 hours and rectified within 7 days of lodging the complaint. Failure to rectify the fault would entail downtime penalty @ 0.25% of basic cost of item per week.

21. The Tenderer will be responsible to provide training to supporting staff for the purchased item.
22. The Tenderer shall assure availability of spare parts for at least 10 years for items requiring propriety spare parts or costing 10 Lakhs or more.
23. All spare parts required for installation and standardization of system to be given free of cost.
24. The Tenderer shall submit list of users and satisfactory report of quoted model from reputed institute preferably Government institute/ hospitals.
25. The Dean through a committee shall arrange for inspection and installation of items at Medical College Faridabad and payment shall be released after final acceptance certificate is issued as per Proforma enclosed (Annexure-VII).
26. The purchase committee or any of its members may visit the factory/facility to determine the eligibility of the Tenderer.
27. Payment of item will be made through ECS within two weeks after the successful installation, commissioning, and training to user department and satisfactory inspection of the item.
28. For the item where spare parts 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.
29. Photocopy of ITR/ PAN No. Should be enclosed with the completed Tender as mentioned in Annexure VIII.
30. Tenderer if not a manufacturer, has to submit manufacturer's authorization certificate as per Annexure IV.
31. If the committee deems fit and desires to visit the manufacturing unit, the same has to be arranged by the bidder.
32. The committee shall reserve the right to seek performance report from the institutions where the manufacturer's item has been supplied.
33. CE statement of compliance from CE notified body or its local supporting affiliate should be submitted for each individual item.
34. ISO/9001/14001/18001/13485 certification to be submitted wherever necessary.

- 35.The validity of Tender will be for a period of six months from the date of opening (Extendable).
- 36.If any accessories are required with the item must be quoted along with the item itself.
37. Rates of spares chargeable may be indicated with the Tender.
- 38.The Dean reserves the right to accept or reject any or all the Tenders without assigning any reason(s) thereof.
- 39.The Tenderer is required to submit undertakings as per the Performa enclosed on a non-judicial stamp paper of Rs.100/- .
- 40.If the item needs calibration, the firm shall be responsible for calibration as part of CMC.
- 41.Amount of AMC/CMC as the case may be, shall also be considered for arriving at the lowest cost.
- 42.The successful bidder shall be determined based on fulfillment of minimum eligibility Criteria specified in the Tender document and lowest prices quoted by the participant bidders.
- 43.If it appears to this office that the items provided by the bidder is defective or of inferior quality or does not match with the requirements of this office or otherwise not in accordance with the terms and conditions, the supplier on demand of this office shall forthwith rectify the defects on its own cost as per the requirements of this office and in the event of its failure to do so within a period specified by this office in the demand aforesaid the supplier will be liable to pay compensation as decided by the competent authority.
- 44.The schedule of completion of purchase shall be strictly adhered to as defined in the Tender document, as time is the essence of the contract. Any unjustified and unacceptable delay in completion of the purchase shall render the supplier liable for the liquidated damages @ 1.5% of the contract price /week subject to a maximum of 5 weeks and thereafter this office shall have the option to cancel the purchase order and get the work completed from any other source at the risk and cost of the supplier. The supplier shall also be liable to pay to this office a cancellation charge of 10% of the value of goods supplied. The payment or deductions of such sums shall not relieve the supplier from his obligations to complete the supply or from his other obligations and liabilities under this contract agreement. The date of completion of the purchase in accordance with the Tender documents shall be deemed to be essence of the contract and must be completed no later than the period specified therein. Extension will not be given except in exceptional circumstances should however, execution is delayed over after the expiry of the

contracted period, without prior concurrence of this office; such execution will not deprive the office of its right to recover liquidated damages. The decision of the competent authority of this office in this regard shall be final and binding.

45. In the event of any dispute or differences between the contractor and the office whether arising during the execution of orders under these terms and conditions or thereafter whether by breach in manner in regard to the construction of the terms and conditions or the respective rights and liabilities of the parties here to there under or any matter or thing, out of or in relation to or in connection with these terms and conditions then the decision of the DEAN, ESIC MEDICAL COLLEGE & HOSPITAL, NH-3, FARIDABAD, HARYANA will be final.

46. Disclaimer:

The near relatives of the employees of ESIC MEDICAL COLLEGE & HOSPITAL, NH-3, NIT, FARIDABAD, HARYANA, are prohibited from participation in this bid. The near relatives for this purpose are defined as:

- a) Members of Hindu undivided family,
- b) Their husband or wife,
- c) The one is related to the other in the manner as father, mother, son(s), son's wife (daughter-in-law), daughter(s) & daughter's husband (son-in-law), brother(s), brother's wife, sister(s) and sister's husband (brother-in-law).

47. The contract shall be subject to the jurisdiction of competent courts of laws at Faridabad/Haryana.

48. The authority reserves the right to seek satisfactory performance report directly from the user enlisted in the user list provided by the bidder.

Dean
ESIC Medical College& Hospital, NH-3, Faridabad

Technical Specifications

1. PHYSICAL BALANCE with metric system weights

Fitted with 3-stone knife edge agates, sensitivity 5 milligram, other specifications are same.

Knife Edges	Agate
Bearings	Agate
Capacity	200g
Sensitivity	5mg
Pans	Stainless Steel, Diameter 100 mm
Overall	420x240x380mm

2. LANGANDROFF/ PERFUSION ASSEMBLY –To maintain a mammalian heart beating outside the body, the heart must be placed in adequate conditions as regards oxygen supply, temp. and composition of the perfusion fluid. The apparatus consist the parts means reservoir bottle, double unit organ bath with all accessories, mercury manometer, cannula, thermometer and two pulleys and starling heart lever. The complete unit mounted on heavy stand.

3. ELECTRIC KYMOGRAPH- Sherrington Starling Kymograph; with special heavy duty motor; oil lapped gear system ;speeds from 0.12 mm/sec. to 640 mm/sec.in 8 steps .Jerk free running, instantaneous start and stop clutch; stainless steel spindle with screw lift.15X15 cm. cylinder with pilot lamp and plug cord.

4 ANALGESIOMETER TAIL FLICK

1. Description of Function

1.1 This Tail Flick Unit is required to perform rapid precise screening of analgesic drugs on the rat tail.

2. Operational Requirements

2.1 Microprocessor based system required with PC connectivity

3. Technical Specifications

3.1 Should consist of an I.R. source, whose radiant energy of adjustable intensity is focused on the rat tail.

3.2 Holder should be available to be used with the mouse.

3.3 The instrument should automatically detect the withdrawal latency to the nearest 0.1 s.

3.4 The Experimental data can be directly exported to the PC USB or serial ports.

3.5 Dedicated Data Acquisition Software Package.

4. Standards, Safety and Training

4.1 Should be CE / BIS approved product

4.2 Calibration/Acceptance test certificate from the factory required.

4.3 Manufacturer/Supplier should have ISO certification for quality standards.

4.4 Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

5. Documentation

5.1 User/Service Manual in English (Both soft and hard copy) 2 Nos must be provided

5.ELECTRO-CONVULSIOMETER with corneal electrodes (2 pairs) and ear clips each variable current stimulus 0.25mA to 360 mA +_10%. Stimulus duration 0.1 to 1 sec +/- 5% in steps of 0.1 sec.

1. Description of Function

1.1 To the study of Anti-Convulsion and Anti-Epileptic drugs, whether for education, screening or manufacturing of drugs

2. Technical Specifications

2.1 Should provide 50Hz Stimulus Current variable from 0.25mA to 360 mA through three controls for producing minimal and Supra-maximal seizure in small animals

2.2 The duration of Stimulus current is variable from 0.1 second to 1 second in steps of 0.1 second

2.3 Power Supply 230V 50Hz

2.4 Should be supplied with corneal electrode pair(different cup size) and eye clip pair

3. Standards, Safety and Training

3.1 Manufacturer should have ISO certification

3.2 Product should be CE/BIS approved

4. Documentation

4.1 User/Technical manual should be supplied

6.ROTAROD APPARATUS

1. Description of Function

1.1 The "Rota-Rod" treadmill technique has proved to be of great value in research involving screening of drugs which are potentially active on motor coordination

2. Operational Requirements

2.1 Microprocessor / microcontroller treadmill is required for rats/mice.

2.2 Technical Specifications

2.3 Rota-Rod treadmill should consist of a computer-controlled stepper motor-driven drum with constant speed or accelerating speed modes of operation or Variable speed via belt / gear

- 2.4 Provision of recording 5 animals simultaneously in five test zones with independent trip counter.
- 2.5 Plexi-Glas front panels for viewing during test.
- 2.6 Adjustable test length(at least upto 900 sec, start speed (0-20,25,30 variation of +/- 3 RPM),top end speed(Max speed 30 RPM),ramp speed, Forward and reverse rotation mode
- 2.7 PC connectivity as well as suitable PC of Latest configuration should be supplied.
- 2.8 Printer connectivity as well as Printer should be supplied.
- 2.9 Should have a digital display shows all test results for each animal position The results should include Stopping RPM, length of test and distance travelled.
- 2.10 Should be able to determine neuro-pixicity, muscle tone, balance and motor co-ordination in rats and mice.

3. Standards, Safety and Training

- 3.1 Should be CE / BIS approved product
- 3.2 Calibration/Acceptance test certificate from the factory required.
- 3.3 Manufacturer/Supplier should have ISO certification for quality standards.

4. Documentation

- 4.1 User/Service Manual in English
- 4.2 Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/ para number of original catalogue/data sheet. Any point

7. ELEVATED PLUS MAZE

1. Description of Function

- 1.1 This Elevated Plus-Maze a sturdy apparatus frequently used to measure anxiety levels in rodents and to screen potential anxiolytic drugs

2. Technical Specifications

- 2.1 Should have an elevated 4 arm maze in which 2 arms are open and 2 are closed with glass opening on top. (H×L×W : 40-45 cm×50-60 cm×10-12 cm)
- 2.2 Should have closed arm walls are held solidly in slotted base
- 2.3 Grey non reflective base plate
- 2.4 Grey Walls Height: 500 mm
- 2.5 Transparent Walls Height: 100 mm
- 2.6 Made by: Wood / stainless steel
- 2.7 Should Tracks time spent and distance travelled, speed and resting time in each zone

3. Standards, Safety and Training

- 3.1 Should be CE / BIS approved product
- 3.2 Calibration/Acceptance test certificate from the factory required.
- 3.3 Manufacturer/Supplier should have ISO certification for quality standards.

4. Documentation

- 4.1 User/Service Manual in English

4.2 Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.

8. ELECTRIC HOT PLATE-

1. Description of Function

1.1 Used to heat glassware or its contents.

2. Technical Specifications

2.1 Durable cast-iron heating element that heats up fast

2.2 Thermostatic control from simmer to boil

2.3 Durable and easy-to-clean spray plastic finish

2.4 Variable heat control

2.5 Stainless steel body with top having the diameter 30cm

2.6 Temperature and working indicator light 2.7 Maximum surface Temperature - 300 °C

9. BICYCLE ERGOMETER

1. Should have LCD display

2. Should provide feedback for speed, time, distance calories and pulse

3. Tension control: Manual 8 level resistance with adjustable wheel

4. Fly wheel: Approximately 6 kg magnetic wheels

5. Handle bar: adjustable

6. Belt transmission: Bearing one way, flat belt, 3 PCS crank

7. Transportation: 2 front end cap

8. Seat: adjustable height front and back

9. Maximum user weight: Approximately 100 kg

10. Dimensions: Approximately 96 X 49 X 138 cm

11. Weight: Approximately 27 kg

12. Gross weight: 29.5 k

10. PHOTOACTOMETER

1. Technical Specifications

1.1 Solid State instrument for monitoring spontaneous & induced Ambulatory activity of laboratory animals.

1.2 Should produce electric shock of up to 100 volts for activating rats.

1.3 The stimulus is variable from 0 to 100v & indicating on meter.

2. Standards, Safety and Training

2.1 Manufacturer should have ISO certification

2.2 Product should be CE/BIS approved

3. Documentation

3.1 User/Technical/Service manual should be provided

11. SPECTROPHOTOMETER UV-VIS, DOUBLE BEAM

1. Description of Function

1.1 UV/Vis spectroscopy is routinely used in the quantitative determination of solutions of transition metal ions and highly conjugated organic compounds. The instrument used in ultraviolet-visible spectroscopy is called a UV/vis spectrophotometer. It measures the intensity of light passing through a sample (I), and compares it to the intensity of light before it passes through the sample (I₀). In a double-beam instrument, the light is split into two beams before it reaches the sample. One beam is used as the reference; the other beam passes through the sample. Some double-beam instruments have two detectors (photodiodes), and the sample and reference beam are measured at the same time.

2. Technical Specification

2.1 Double beam optics

2.2 High resolution 1.5nm spectral band pass

2.3 Pharmacopoeia standards

2.4 Light Source should be Tungsten-Halogen and Deuterium Lamps, Light Source Switching Automatic switching selectable from 325nm to 370nm

2.5 Should have LCD Display

2.6 LCD screen with adjustable Brightness control displays a large array of data also in graphical format.

2.7 Should have chemical resistant keypad.

2.8 Should be Stand alone or PC operated

2.9 Validation: Self-Diagnosis incorporating a number of parameters and wavelength calibration are automatically initiated upon start-up.

2.10 GLP/GMP feature for analysis requiring validation and auditing. Parameters such as Wavelength accuracy, Wavelength reproducibility, band pass, baseline flatness, baseline stability, and Noise level 2.11

Up to 20 operating programs and up to 10 set of measurement data can be stored in the flash memory. 2.12

Programs easily recalled, edited and deleted 2.13 Should have USB port for direct download in to memory

stick. 2.14 Optics Concave diffraction grating / Double Beam Principle 2.15 Wavelength Range 190nm -

1,100 nm 2.16 Spectral Bandwidth 1.5 nm 2.17 Stray Light $\leq 0.05\%$ (220nm NaI, 340nm NaNO₂) 2.18

Wavelength Accuracy $\pm 0.3\text{nm}$ 2.19 Photometric Range Absorbance: -3 to + 3%T: 0% to

300%T, Concentration: 0,000 to 9,999 2.20 Wavelength Scan Speed 10, 100, 200, 400, 800, 1,200, 2,400,

3,600 nm/minute 2.21 Baseline Stability 0.0003 Abs/hr (500nm, after 2 hours) 2.22 Noise Level 0.0003

Abs (500nm) 2.23 Detector Silicon Photodiode 2.24 Power requirements: 220-240 V, 50 Hz 2.25 Cuvette

chambers to hold 4 cuvettes, 1 for blank, 3 samples for samples with matching cuvettes 2.26 Computer:

Latest configuration with necessary software and Laser printer. 2.27 Cuvettes(glass & quartz) of 1 ml

capacity 2 numbers, microcuvettes 2 numbers 2.28 A suitable online UPS with tubular batteries

(maintenance free) and one hour backup time should be supplied.

3 Standards, Safety and Training

3.1 Manufacturer should have ISO certification

3.2 Product should be European CE/ US FDA approved

3.3 Certificate of calibration and inspection from the factory.

4 Documentation

4.1 User/Service Manual in English 2 Nos must be provided

4.2 Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered..

12.ELECTRONIC BALANCE (100MG – 5 GM)

1. Digitally operated
2. High contrast, large LCD display for easy viewing.
3. Automatic external calibration
4. Conforms GLP/GMP and ISO 9001/USFDA standard
5. Dye cast aluminium design for long term stability and accurate results.
6. Various weighing units like mg, gm etc should be provided.
7. User selectable stability.
8. Readability : 0.0001 gm
9. Linearity : 0.0002 gm
10. Pan size : > 80 mm diameter or as per user requirement.
11. Response time : 2-3 sec
12. Voltage range : 220v AC/50Hz

List of Annexures

Annexure I	Custom Duty Exemption Certificate
Annexure II	TheTender Application Form
Annexure III	Declaration Form (Should be submitted on a non-judicial stamp paper of Rs.100/-)
Annexure IV	Manufacturers Authorization Form
Annexure V (a) & V (b)	Price Schedule
Annexure VI	Consignee Receipt Certificate
Annexure VII	Final Acceptance Certificate By The Consignee Proforma
Annexure VIII	The Compulsory Documents and check list

ANNEXURE I

AUG-14-2012 14:17 From:

To:01292299387

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L.20027/2/2012-IC
Government of India
Ministry of Health and Family Welfare
(I.C. Section)

Nirman Bhawan, New Delhi
Dated the 31st July, 2012

OFFICE MEMORANDUM

Subject:- Issuance of one time certificate of category for import of hospital equipments - under Condition No. 86 at Sl. No. 485 of the Ministry of Finance, Department of Revenue Notification No. 12/2012-Customs dated 17th March, 2012.

The undersigned is directed to refer to Ministry of Labour and Employment's letters No. S-38025/12/2003-SS.I dated 4th January, 2012 and 26th June, 2012 on the subject mentioned above and to forward herewith the necessary certificate in respect of four ESI Hospitals in terms of Ministry of Finance (Department of Revenue) Condition No. 86 at Sl. No. 485 Notification No.12/2012-Customs dated 17th March, 2012.


(Ambuj Sharma)
Under Secretary to the Government of India
Tele: 2306 1986

Shri Animesh Bharti, Director,
Ministry of Labour and Employment,
SS.I Section
Shram Shakti Bhavan,
New Delhi.

Copy forwarded with enclosures for information to:-

1. The Assistant Commissioner of Customs/ Faridabad/ Chandigarh /Patna/ Gulbarga (Department of Revenue)

CERTIFICATE

Certified that the under mentioned hospitals which are under the control of Ministry of Labour, fall in category (a) (i) of Condition No. 86 at Sl. No. 485 of the Ministry of Finance, Department of Revenue Notification No. 12/2012-Customs dated 17th March, 2012

1. ESIC Medical College and Hospital Central Green, NIT-3, Faridabad (Haryana)
2. ESIC Medical College and Hospital, Village Nerchowk, Mandi (H.P.)
3. ESIC Medical College and Hospital, Village Bihta, Patna (Bihar)
4. ESI Medical and Dental College and Hospital, Village Kusnoor, Gulbarga (Karnataka)

Folden
2/8/2012


(Ambuj Sharma)
Under Secretary to the Government of India
Tele: 2306 1986

TENDER APPLICATION/DECLARATION FORM**ANNEXURE-II**

1	Name of the firm:-	
2	Full Postal Address:-	
3	Cell Phone No.	
4	Telephone No:-	
5	Fax No.	
6	E-mail address:	
7	Date of Establishment of Firm:-	
8	If your Firm Registered under The Indian Factories Act:-	
9	Any other Act, if not, who are the owners (Please give full address):-	
10	Name and Address of your Banker stating the name in which the Account stands with A/c Numbers with IFSC Code / a cancelled cheque	
11	Whether insured against fire, theft, burglary etc. If so, please state the amount and name of company with policy no:-	
12	Are you in the list of approved contractors of any other organizations / institutions, if any give details (Append extra page if necessary):-	
13	Give details of any Government contracts executed during the last twelve months (Append extra page if necessary):-	
14	Any other information which you consider necessary to furnish:	

UNDERTAKING:

- I, the undersigned certify that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with them.
- 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.
- The earnest money of Rs. _____ to be deposited by me has been enclosed herewith vide Demand Draft no. _____, Dt. _____, drawn on bank _____, Branch _____
- I hereby undertake to supply the items as per directions given in the tender document / supply order within stipulated period.
- I/We give the rights to Dean to forfeit the earnest money deposited by me/us if any delay occur on my/agent's part or failed to supply the article within the appointed time or the items of desired quality.
- There is no vigilance/CBI case or court case pending against the firm.

Date:-**Signature of the Tenderer:-****Place:-****Full Name:-****(Office seal of theTenderer)****Designation :-**

UNDERTAKING: (To be submitted in non judicial stamp paper of Rs. 100/=)

- 1 I/We ... (Name of authorized Signatory) the undersigned hereby declare and affirm that I/We have gone through the terms and conditions governing the Tender and undertake to comply with all terms and conditions.
- 2 The rates quoted by me are valid and binding upon me for the period of validity of the Tender.
- 3 That the earnest money of Rs. _____ deposited by me/us vide Banker Cheque/Demand Draft no. _____ Dt. _____ drawn on.....(Name of the Bank) is attached herewith.
- 4 That I/We authorize Dean to forfeit the earnest money deposited by me/us in case of any delay or failure to supply the article within the stipulated time and the items of desired/quoted quality.
- 5 That I/We will be in the position to provide Annual Maintenance Contract/Comprehensive Maintenance Contract (AMC/CMC), spare parts, accessories attached and its consumables for 5 years from the date of satisfactory installation of the equipment till the AMC/CMC period is over.
- 6 That there is no vigilance/CBI case or court case pending against the firm, debarring my firm to supply of items quoted.
- 7 That I/We hereby undertake to supply the items as per directions given in supply order within stipulated period.
- 8 That I/We undertake to maintain the equipment to the satisfaction of user during the period of warranty and guarantee.
- 9 I/We have been informed that the Dean has the right to accept or reject any or all the Tenders without assigning any reason thereof.
- 10 We (Name of firm) undertake that we will provide 3 (Three) preventive service on quarterly basis during the warranty and AMC/CMC period as offered in our Tender and any no. of break down calls shall also be attended within 24 hrs. I/We also agree that the payment of AMC/CMC shall be made to me/us on half yearly basis after satisfactory preventive service.

Signature and address of the Tenderer

MANUFACTURER'S AUTHORISATION FORM

To
 Dean
 ESIC Medical College & Hospital
 NH-3, Faridabad, Haryana, Pin 121001

Dear Sir,

Ref. Your TE document No _____, dated _____

We, _____ who are proven and reputable manufacturers of _____ (*name and description of the goods offered in the tender*) having factories at _____, hereby authorize Messrs _____ (*name and address of the agent*) to submit a Tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs.

_____ (*name and address of the above agent*) is authorized to submit a Tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, AMC/CMC as applicable as per TED read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

Yours faithfully,

[Signature with date, name and designation]

SEAL

For and on behalf of Messrs _____

[Name & address of the manufacturers]

Note:

1. This letter of authorization should be on the letterhead of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the Manufacturer.
2. Original letter may be sent.

Annexure V (a)**PRICE SCHEDULE****A) PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN AREA**

1	2	3	4	5 Rs.	6 Rs.	7 Rs.	8 Rs.	9 Rs.	10 Rs.	11 Rs.	12 Rs.
Sl .no:	Brief Descript ion of Goods (with make & model)	Count ry of Origin	Qty	Ex-factory /Ex- warehouse /Ex showroom /Off-the shelf	Excise Duty(i f any) [% & value]	Sales Tax/VA T (if any) [% & value]	Transportati on loading/unlo ading and incidental costs till consignee's site	Insura nce charge s for a period includi ng 3 month s beyon d the date of deliver y	Incidental services (including Installation & Commissio ning,superv ision,Demo nstration And Training) at the Consignee' s Site	Unit Price (at consig nee site) 5+6+7 +8+9+ 10	Total Price (at Consig Nee site) Basis 4x11

TotalTender Price in Rs. _____

In words: _____

Note:-

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately.

Name _____

Business Address _____

Place: _____

Signature ofTenderer _____

Date: _____

Seal of theTenderer _____

PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD

1	2	3	4					5
Schedule No.	BRIEF DESCRIPTION OF GOODS	QUANTITY. (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total CMC cost for five years 3x(4a+4b+4c+4d+4e)
			1 st	2 nd	3 rd	4 th	5 th	
			a	b	c	d	E	

After completion of Warranty period

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance inc technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next five years on yearly basis for complete equipment.
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
6. All software updates should be provided free of cost during CMC period.
7. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract Period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place: _____
Date: _____

Name
Business Address
Signature of Tenderer
Seal of Tenderer

CONSIGNEE RECEIPT CERTIFICATE
(To be given by consignee's authorized representative)

The following store(s) has/have been received in good condition:

- 1) Contract No. & date : _____
- 2) Supplier's Name : _____
- 3) Consignee's Name & Address with
telephone No. & Fax No. : _____
- 4) Name of the item supplied : _____
- 5) Quantity Supplied : _____
- 6) Date of Receipt by the Consignee : _____
- 7) Name and designation of Authorized
Representative of Consignee : _____
- 8) Signature of Authorized
Representative of Consignee with
date : _____
- 9) Seal of the Consignee : _____

Proforma of Final Acceptance Certificate by the Consignee

No _____

Date _____

ToM/s _____

Subject: Certificate of commissioning of equipment/plant.

This is to certify that the equipment(s)/plant(s) as detailed below has/have been received in good conditions along with all the standard and special accessories and a set of spares (subject to remarks in Para no.02) in accordance with the contract/technical specifications. The same has been installed and commissioned.

- (a) Contract No _____ dated _____
- (b) Description of the equipment(s)/plants: _____
- (c) Equipment(s)/ plant(s) nos.: _____
- (d) Quantity: _____
- (e) Bill of Loading/Air Way Bill/Railway
Receipt/ Goods Consignment Note no _____ dated _____
- (f) Name of the vessel/Transporters: _____
- (g) Name of the Consignee: _____
- (h) Date of commissioning and proving test: _____

Details of accessories/spares not yet supplied and recoveries to be made on that account.

Sl. No.	Description of Item	Quantity	Amount to be recovered

The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily ## or

The supplier has failed to fulfill its contractual obligations with regard to the following:

- a) He has not adhered to the time schedule specified in the contract in dispatching the documents/ drawings pursuant to Technical Specifications'.
- b) He has not supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the period specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).
- c) The supplier as specified in the contract has not done training of personnel.

The extent of delay for each of the activities to be performed by the supplier in terms of the contract is

The amount of recovery on account of non-supply of accessories and spares is given under Para no.02.

The amount of recovery on account of failure of the supplier to meet his contractual obligations is _____ (here indicate the amount).

(Signature)

(Name)

(Designation with stamp)

Explanatory notes for filling up the certificate:

- i) He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to Technical Specification'.
- ii) He has supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).
- iii) Training of personnel has been done by the supplier as specified in the contract.
- iv) In the event of documents/drawings having not been supplied or installation and commissioning of the equipment(s)/plant(s) having been delayed on account of the supplier, the extent of delay should always be mentioned in clear terms.

**THE FIRM IS REQUESTED TO FOLLOW THE CHECK LIST AT THE TIME OF SUBMISSION OF
TENDER**

COMPULSORY DOCUMENTS:

CHECKLIST				
Name of Tenderer:				
Name of Manufacturer:				
Sl.No		Yes/No/NA	Page No. in TED	Remarks
1	Have you enclosed Postal Address with Telephone No./Fax No./Mobile No./Email Address			
2	Have you enclosed EMD of required Amount for the quoted schedules?			
3	Have you enclosed details of EMD mentioning the details a) DD, b) Name of the Bank, c) Branch, d) Amount			
4	Have you enclosed clause-by-clause technical compliance statement for the quoted goods visà-vis the Technical Specifications?			
5	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
6	Have you enclosed duly fill Tender Form?			
7	Have you enclosed Power of Attorney/ Authorization in favour of the signatory?			
8	Have you submitted manufacturer's Authorization?			
9	In case of India Tenderer, have you Furnished Income Tax Account No. /PAN as allotted by the Income Tax Department of Government of India?			
10	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?			
11	Have you furnished photocopy of your PAN Card & Tan Card?			
12	Have you intimated the name and full address of your Banker (s) along with your Account Number /IFSC Code/Cancelled Cheque.			
13	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening? (2012-13, 2013-14, 2014-15)			
14	Have you enclosed IT returns for the last three years? (2012-13, 2013-14, 2014-15)			
15	Have you enclosed the names & addresses of other hospitals, etc., to whom items are supplied?			
16	Have you accepted delivery period as per TE document?			

17	Have you accepted the terms of delivery as per' FOR basis at consignee site basis'?			
18	Have you accepted the warranty, AMC/CMC as per TE document?			
19	Have you accepted all terms and conditions of TE document?			
20	Have you fully accepted payment terms as per TED?			
21	Have you submitted list of Institutions where you have supplied the quoted items?			
22	Have you submitted copy of the orders(s) against the above end user certificate(s)?			
23	Have you enclosed Application fee in case you downloaded the forms from website?			
24	Have you enclosed the details of application fee mentioning the details of DD.			
25	Have you enclosed a valid Trade License Certificate?			
26	Have you submitted mandatory AMC/CMC (for 5 years) Certificate along with rates for each year?			
27	Have you enclosed an agreement for supply of spare parts for five Years			
28	Have you submitted, the name & address of service centers in Delhi & NCR.			
29	Have submitted the original TED after signing on all pages			

1. All pages of the Tender should be page numbered and indexed
2. The Tenderer may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
3. It is the responsibility of Tenderer to go through the TE document to ensure furnishing all required documents in addition to the above, if any.

(Signature with date)
(Full name, designation & address of the person duly authorized to sign on behalf of the Tenderer)

For and on behalf of (Name, address and stamp of the tendering firm)