

**EMPLOYEES' STATE INSURANCE CORPORATION
PANCHDEEP BHAWAN, CIG MARG,
NEW DELHI-110002.**

NOTICE INVITING TENDER

ESI Corporation invites tenders under 2 Bid System (Technical Bid and Financial Bid) from firms of repute for the following work on complete Turnkey Basis.

Name of the work	Cost of Tender Form	Earnest Money	Completion Time
SITC of 1 No. state-of-art Modular OT both side antibacterial high pressure laminate HIPERCARE/ STERIPANEL or similar material (imported and as per EN standard) at ESIC Model Hospital, Bharat Nagar Chowk, Ludhiana, Punjab	Rs. 500/-	Rs. 1,00,000/-	6 months

The bidders/firms complying with following criteria need only apply:-

- (i) The firm should be incorporated atleast 3 years back.
- (ii) The firm should have average turnover of not less than Rs. 1 crore during the last 3 financial years ending 31-03-2008.
- (iii) The firm shouldn't have incurred a loss in the last 3 years. The bidder shall be required to submit the audited Profit & Loss Account & audited balance sheets in support of Profit making and Turnover.
- (iv) Joint Ventures would be permitted. However in case of Joint Ventures the lead bidder firm must fulfil the criterion mentioned at (i) (ii) and (iii) above.
- (v) The firm must mandatorily possess a letter of authority of their Original Foreign Principal/Manufacturer for the quoted imported products.
- (vi) The firm should have successfully completed either at least one Modular OT of the specifications given in this tender or at least two Modular high end state-of-art Modular OTs of different specifications in Government/Semi Government/Private Hospital. Copy of Work/Purchase Order and Clients Certificate in this regard shall be submitted.

- (vii) ESIC shall not accept any optional items i.e. other than those as per the specifications, approved makes, and items mentioned in the BOQ.

The schedule of bidding shall be as follows:

Date of Advertisement	Date and time of submission of tender	Date and time of opening of Technical Bid
05-04-2009	By or before 27-04-2009 till 1.00 P.M.	27-04-2009 at 2.00 P.M

The tender documents can be had on written request during all working days from the O/o Chief Engineer, ESIC against the non refundable amount of Rs. 500/- vide a pay order/DD/Banker's cheque in favour of "ESI Account No. 1 – HQ". If the tender documents are downloaded, then the cost of Tender Document of Rs. 500/- shall be sent with the Technical Bid document. The tender shall be submitted in a single big size sealed envelope containing 2 separate envelopes, 1 for Technical Bid and the other for Financial Bid, with Superscription of "Name of Work" and "Type of Bid" on the corresponding sealed envelope. The EMD shall be put in the technical bid envelope. For the purpose of EMD, DD/Banker's cheque/Pay Order only will be accepted and it shall be drawn in favour of "ESIC A/c No. 1 – HQ" payable at New Delhi. The tenders without EMD shall outrightly be rejected. The Tender Documents are non transferrable. Bids faxed/tele faxed, incomplete, late/delayed or from firms/tenderers without letter of authority from their Principals shall be summarily rejected. ESIC will not be responsible for delay in transit or damage or loss of Tender Documents sent by post. Envelope containing Tender Documents shall be opened on the due date and time in the presence of tenderers or their authorized representatives who wish to remain present. In the event of any of the mentioned date, being declared as holiday(s)/closed day(s) for ESIC, the tenders will be sold/received/opened on the next working day. The tenders must reach the O/o Chief Engineer, ESIC, Panchdeep Bhawan, C.I.G. Marg, New Delhi – 110 002 by or before the due date. A separate tender box shall be kept for this purpose on the IInd floor. Only those tenderers/firms fulfilling the technical criteria will be considered for opening of Financial Bid.

The technical specifications, BOQ/Schedule of Work, requirements and terms & conditions etc. may be downloaded from website <http://esic.nic.in>

(P.R. ROY)
Chief Engineer
Employees's State Insurance Corporation

**EMPLOYEES' STATE INSURANCE CORPORATION
PANCHDEEP BHAWAN, CIG MARG,
NEW DELHI-110002.**

**TENDER
FOR ONE NO. STATE OF ART MODULAR OPERATION THEATRE
(BOTH SIDE ANTI BACTERIAL HIGH PRESSURE LAMINATE
HIPERCARE/STERIPANEL OR SIMILAR MATERIAL (IMPORTED AND AS
PER EN STANDARD) AT
THE ESIC MODEL HOSPITAL ,LUDHIANA**

Last date of submission of TENDER : 27-04-2009

Introduction:

ESI Corporation established under the ESI Act, 1948 provides comprehensive medical care services through a large network of health facilities which include 144 Hospitals and 1422 Dispensaries across the country. ESIC is in the throes of a mammoth exercise to upgrade the medical infrastructure and plans are on the anvil to provide modular OTs in the newly coming up as well as existing hospitals.

Employees' State Insurance Corporation Model Hospital is situated at Bharat Nagar Chowk, Ludhiana, Punjab that provides patient care facilities. There are five conventional OTs existing in the Hospital out of which one (O.T. No. 4 on Second Floor) is to be converted into a Modular O.T.

Scope of Work: Employees' State Insurance Corporation is inviting Tenders for the supply, installation, testing and commissioning of 1 no. Modular OT in the hospital premises.

The Technical Specifications and BOQ/Schedule of Work are annexed

General Terms & Conditions:

1. Interested Bidders may inspect and examine the operation theatre block during working hours from **07-04-2009 to 27-04-2009** in the Employees' State Insurance Corporation Model Hospital, Ludhiana before submission of the Tenders to assess the requirements. The tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering. The size of state-of-art Modular OT is 7 meters x 5.5 meters length x breadth and 3.3 meter height.
2. Before submitting a tender, the bidder shall be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that the rates he enters in the Tender are adequate and all inclusive in accordance with the provisions of contract for the completion of works to the entire satisfaction of the ESIC.
3. The bidder should have an experience of similar nature work and shall submit documentary evidence for the same.
4. The Tender with required document shall be submitted on or before **27-04-2009** in the office of the Chief Engineer, ESIC, Panchdeep Bhwan, C.I.G. Marg, New Delhi – 110 002 before the appointed time.

5. The interested Firms will be required to submit their tenders Technical and Price Bid separately as per BOQ mentioned in the tender documents.
6. Employees' State Insurance Corporation reserves all rights to reject any or all the tender without assigning any reason.

NOTE:

1. In case of items (c) & (d) above, supportive documents/ certificates from organizations with whom they worked / are working should be enclosed.
 2. Certificates from private individuals for whom such works are executed / being executed will not be accepted.
7. The Bidder shall be responsible for all of the costs associated with the preparation of the tender. ESIC will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the bidding process.
 8. The bidder shall provide qualifications and experience of key site management and technical personnel proposed for Contract.
 9. The bidder shall submit reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past three years.
 10. ESIC does not bind itself to accept the lowest or any other tender and reserves the right to reject any or all the tenders without assigning any reason.
 11. ESIC shall not issue any T&P and shall also not pay anything extra on this account. The successful tenderer shall make his own arrangement for unloading or for shifting the equipments for erection purposes.
 12. Electrical service connection 415V, 3 phase, 4 wire, 50 Hz, AC supply and water supply shall be provided free of cost by ESIC.

Special Terms & Conditions:

1. Tenders shall be valid for acceptance for a period of 60 days from the date of its submission.
2. The rates quoted by the tenderer shall be firm, fixed and inclusive of all taxes (including works contract tax), duties and levies and all charges for packing, forwarding, insurance, freight and delivery, loading/unloading installation, testing, commissioning, etc. at site.

3. All sundry equipment, fittings, unit assemblies, hardware items, foundation bolts, termination lugs for electrical connections and all other items which are necessary for efficient and successful assembly and installation of equipment and components of the modular operation theatre work shall be deemed to have been included in the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.
4. The tenderers are advised not to deviate from the technical specifications/items, comprehensive guarantee, terms of payment etc. ESIC will not entertain any suggestions/advisories regarding this from any quarters in any manner whatsoever.
5. ESIC will not issue any Non Manufacturing Indian Custom Duty Exemption (NMICDE) Form.
6. ESIC shall be free to get the work inspected by a third party on its behalf during the course of execution or even after its taking over till the period of comprehensive warranty/guarantee is over.
7. The Modular O.T works are to be executed as per internationally accepted standards.
8. Certificate of origin must be submitted alongwith the delivery of imported equipment. This condition is not applicable if the equipment/product is manufactured in the Indian territory with same specifications, export quality and under their lawful authority, etc., provided the Foreign Manufacturer issues a certificate to this effect.
9. Tenderer should clearly mention country of origin of each and every product quoted by them in the Financial Bid.
10. The “must – fulfill criteria” indicated in the NIT for eligibility of bidders/tenderers/firms shall form an inseparable part of these special terms and conditions.
11. The rates shall be filled up both in figures and words and the total amounts in figures. Non compliance may render the tender liable for summary rejection.

Documentation required with the tenders

The Technical Bid Envelope should contain the following with **Part ‘A’** duly filled in and signed with seal.

1. The terms and conditions and technical specifications of the tenders and tender documents duly stamped and signed by tenderer in token of acceptance thereof.

2. Make and Model of all equipments/components offered alongwith technical catalogues/pamphlets showing complete specifications thereof.
3. Audited balance sheet and audited Profit & Loss account of last three years ending 31-03-2008.
4. Letter of Authority of the original Foreign Principal/Manufacturer for the offered imported products/equipments.
5. Copy of the Work/ Purchase Orders and clients' successful commissioning/satisfactory performance certificate as a proof of experience.
6. Earnest money of Rs. 1,00,000/- vide a pay order/demand draft/banker's cheque in favour of "ESI A/c No.1-HQ" payable at New Delhi.

The financial bid should contain the BOQ/Schedule of Work with the rates filled up both in figures and words and the total amounts in figures with **Part 'B'** duly filled in and signed with seal.

Delivery and Installation:

The ordered items shall be delivered & installed and commissioned within 6 (six) months from the date of issue of letter of acceptance.

Payment Terms, Performance Guarantee, Contract Agreement & Other Conditions:

1. No advance in any form shall be payable.
2. The successful tenderer on acceptance of his tender by the accepting authority of ESIC, shall, within 10 days from the date of issue of letter of acceptance sign a Contract Agreement with ESIC.
3. The bidder, whose tender is accepted, will be required to submit a Performance Guarantee of 5% (five per cent) of the contract amount within 15 days from the date of issue of letter of acceptance. The PG shall be in the format prescribed by ESIC in the form of a Bank Guarantee issued by a Scheduled Bank valid initially for a period of 12 months.
4. The successful tenderer shall prepare the shop and lay out drawings within a maximum period of 15 days from the date of signing of the Contract Agreement and ESIC shall approve them with changes, if any, within 15 days from the date of their receipt so that the work can commence strictly as per GFC drawings.

5. 75% of the total contract price shall be released on delivery of complete stores at site in good condition and after initial inspection.
6. Balance 25% payment shall be released after successful testing, commissioning, trial run and handing over to ESIC for beneficial use and after submission of –
 - 1) Certification of acceptance by the Medical Supdt., ESIC Model Hospital, Ludhiana and counter signed by the Chief Engineer, ESIC.
 - 2) Renewal/extension of the 5% Performance Guarantee valid till expiration of the comprehensive warranty/guarantee of one year after the acceptance of the installation complete in all respect.
7. EMD shall be released after the SITC work is over complete in all respects and is taken over by ESIC.

Penalty Clause :

The Tenderer will be bound to supply the items within the stipulated period as mentioned above, failing which the following penalty will be levied on the tenderer (deducting from the EMD / Performance Guarantee).

- a. For delay in completion:- A penalty of 0.25% of the total value of order per week will be imposed subject to a maximum of 5% of the total value of the order.
- b. For Non-Supply:- Performance Guarantee of the firm alongwith EMD shall be encashed/forfeited.

Comprehensive Warranty/Guarantee:- The following Guarantee / Warrantee Clause shall be applicable and binding on the tenderer:

The seller declares / certifies that the goods / stores / articles sold / supplied to the purchaser under this contract shall be New in all respects, are of the best quality, workmanship and shall be strictly in accordance with the specifications and particulars contained / mentioned in the contract. The contractor / seller further guarantees that the said goods / stores would continue to conform to the given description and quality for a period of 12 months from the date of Installation / Commissioning of the said stores / articles in the premises of the purchaser / user department. The above guarantee / warranty is notwithstanding the fact that the purchaser may have inspected the store / article and / or not within a period of 12 months or thereafter. In case said goods / stores / articles is discovered not conforming to the description and quality aforesaid or not giving satisfactory performance or have deteriorated at subsequent stage, the purchaser may take such action or issue such directions, as it deems fit, to Tenderer to bring the same in conformity with prescribed specification / to make it operational and such directions shall be final and binding on the contractor / seller. The purchaser is entitled to call upon the contractor to rectify the goods / stores / articles or such portion of store as found to be defective by the purchaser within a reasonable period and / or such specified period as may be allowed to the

contractor failing which the losses, compensation, damages etc, including the cost of repairing of such store, if the store / items / machine is repaired from open market or such damages as assessed by purchaser, which indenter would suffer due to non-operation of the said article / instrument, shall be recovered from the tenderers and the firms / tenderers shall be blacklisted for breach of warranty.

CORRECTNESS AND COMPLETENESS OF THE STORES: The stores shall be correct and complete in every respect with all mounting fitting, fixtures, standard , accessories which are normally supplied even though not specifically detailed in the specifications.

RECTIFICATION CLAUSE: In the event of stores being given back to the manufacturer, he should ensure that the defect is attended to immediately without loss of time so that stores can be re-inspected. However, it should be noted that the manufacturer will not be entitled to dispose off that stores which is given for rectification / rejection without prior permission of the inspection.

Installation: The equipment shall be installed / demonstrated by the tenderer free of cost at consignee premises. he will provide 2 copies of the manual including electric circuit diagram design in free of cost along with the equipment.

Intimation of dispatch : The documents should be in the name of consignee only. The information regarding shipment should be sent to the institution well in advance. On account of delay in submission of relevant information / incorrect document, and any such information due to which the clearance of stores is delayed, the demurrage charges shall be to the tenderer's accounts.

Insurance & Storage : The Tenderer shall take adequate cover on the consignments/material/stores from warehouse to warehouse till its satisfactory installation, testing and commissioning and taking over by ESIC. ESIC shall be responsible only for providing storage accommodation for storage of sundry materials and erection equipments. Watch and Ward of the stores and their safe custody shall be arranged by the tenderer at his own cost till the final taking over of the installation by ESIC.

Coordination with other Agencies: The successful tenderers shall coordinate with other contractors or agencies engaged on behalf of and/or by ESIC for related/associated works or otherwise, if any, and exchange freely all technical information so as to make the execution of this works contract smooth.

Care of the Building: Care shall be taken by the tenderer while handling and installing the various equipments and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the installation from the site of work.

Compliance to safety regulations: The successful tenderer shall be fully responsible for compliance to statutory provisions of safety regulations and codes in respect of labour employed on the work.

Service after expiry of warranty of 1 Year: After the expiry of this period, the tenderer will enter into annual maintenance contract on mutually agreed terms & conditions for further maintenance of the whole equipment.

Chief Engineer, ESIC

**TECHNICAL SPECIFICATIONS OF
MODULAR OPERATION THEATRE SIZE 7.0 x 5.5 x 3.3
mtrs
(Clear floor to ceiling height available is 3.3 mtrs.)**

1. Walls made of 10 mm high pressure laminate with bothside anti-bacterial (back and front) Hipercare / Steripanel or similar material (as per EN standard) and imported. Hipercare / Steri Panel should be impact and abrasion resistant, scratchproof, both side anti-bacterial during the whole lifecycle, light and heat resistant, water solvent and chemical resistant, stain resistant, smooth surface, Hipercare / Steripanel should be resistant against humidity and disinfective cleaning detergents. It should endure highest Mechanical exposure without visible signs of wear. It should be extraordinary long lasting. It should not be dented and / or scratched. No hygroscopic gypsum boards should be used for reinforcement of Hipercare / Steripanel. This should be capable of openings for additional electrical outlets x-ray viewers, etc and should be cut easily also later on. Panels should be exchangeable for revision or replacement.

Authority letter from the manufacturer is mandatory.

2. (a) Supporting structure made of galvanized steel profile for Steri Panel / Hipercare.
(b) Pressure relief dampers / Pressure stabilizer indigenous Size 300x300 with aluminium grill having multi 304 graded stainless steel blades for maintaining the positive pressure inside the operation theatre towards room air pressure.
3. (a) Ceiling system should be made of STERIPANEL / HIPERCARE or similar material (imported and as per EN standard) both side anti-bacterial. Ceiling material should be made from 0.8mm thick STERIPANEL / HIPERCARE both side and should have an average weight of 4.5 kg/sqmtrs.

Authority letter from the manufacturer is mandatory.

(b) Clean air system with HEPA filters –

The Plenum box made of Aluminum Sheet (60601 T5) 1.6mm thick. The laminar flow system shall comprise of the thick extruded aluminum profiles frame and sealed gasket . The Plenum air is passed only through “S” class HEPA filters. The Laminar flow system should have Light Diffusers consisting of two layers of monofilament precision woven polyester of uniform porosity with an open area of sufficient resistance to create laminar flow from diffuser face. Air diffuses into the theatre uniformly over the total area, the range of ventilated ceiling provide the sterility and cleanliness required for OT environment. Integral lightening provides an illumination level in excess of 15000 Lux in operating area and 10000 lux in other electronic stepless dimming down to 5% without flicker.

Perfect tightness should be guaranteed by an epoxy seal between filters and holding structure disabling “by pass” of HEPA Filters. The filters installed in the plenum should be suitable for applications for laminar flow and clean rooms, these filters should meet following specifications:

1.	Protective grids	White epoxy painted micro drawn grid
2.	Seperators	Continuous thermo plastic chord
3.	Sealant	Polyurethane
4.	Gasket	One piece polyurethane
5.	MPPS average efficiency	➤ 99.95%
6.	3 micron DOP efficiency	➤ 99.999%
7.	Final pressure drop	600 Pa (maximum)
8.	Maximum operating Temperature	60 degree Celsius
9.	Maximum RH	40-50 percent
10.	Efficiency Tests	Filters individually tested and certified

4. Conductive floor (imported) should be made of two component anti-static resin of three different layer consisting of primer, self leveling and top layer. Top layer should be treated chemically to harden the surface for longer durability and for ease of cleaning and disinfection.

Authority letter from the manufacturer/Principal is mandatory.

5. Corners should be made of imported round shaped aluminum profile, integrated into the floor, inserted into the wall paneling

6. Doors (imported and as per EN standard and CE marked) 1500mmX2100mm automatic sliding hermetically sealed made of high pressure laminate antibacterial STERIPANEL / HIPERCARE with 300mmX300mm glass vision window.

The door must meet following specifications:

- i) Doors should conform to BS 7971 Standard.
- ii) Electrical Motor must work on 230 Volts +-10%
- iii) Noise level of movement should not be more than 60 decibel.
- iv) Controller should be micro processor based and must be CE marked
- v) Power frequency for door should be 50 Hz..
- vi) The Door should have 2 Nos. elbow switch, safety photocell and Foot switch.
- vii) Starting times must be able to regulate from 0.5 seconds to 23 seconds.
- viii) Maximum starting speed should be 20-200mm/second.

Authority letter and test certificate from the manufacturer is mandatory.

7. Peripheral light (imported). Peripheral light should have following features:
 - Luminaire body should be dust proof, nearly bacteria proof, high degree of protection IP 65.
 - IP 65 protection rating > dust proof and virtually bacteria proof.
 - The meaning of IP 65.
 - IP: International Protection Rating
 - 6: Object size protected against dust tight.
 - No ingress of dust; complete protection against contact.
 - 5: Water projected by a nozzle against enclosure from any direction shall have no harmful effects.
 - Luminaire should be made of highly resistant laminated safety glass thus 100% shatter protection.
 - Adjustable reflectors : Optical system should be individually adjustable to the conditions in the operating theatre.
 - It should not have interference on the infrared controls of the operating room.

- Endoscopic light : Green light insert for use in the operating theatre especially for minimally invasive surgery with low illuminances.
 - Plane glass with stylish fine grained surface for eliminating uncontrolled reflections when using laser technology.
 - The body of the light should be completely closed which prevents the entry of unwanted minute particles from the ceiling into the room thus making it highly suitable for the operating areas
 - Switching and dimming of every individual lamp.
 - Green light for endoscopy.
 - Smooth easy to clean and disinfect surfaces.
 - Individually adjustable reflector ± 30 deg.
- Authority letter from principal is required.

8. Ceiling Pendant for Anesthesia & for Surgeon :-

Ceiling pendant with spacer block and six Medical gas outlet points and six electrical Switch & sockets, IV POLE with motorized movement. (imported and as per EN standard)

- Double Arm pendant should have pneumatic or friction brakes to avoid unintentional arms movement, with a minimum carrying capacity of 100 kgs.
 - Mounting and inspection opening shall be provided on each end of the arm.
 - Arm will be equipped with a minimum 1 shelf for holding appliances like cautery machine, syringe/infusion pumps, lasers etc.
 - Ceiling interface plate will have interface for gas tubes and electrical connections.
 - Medical Gas Outlets as per NFPA 99/HTM 2022 STD
 - For anesthetic pendant 8 nos. 15 AMPs UPS points.
- Authority letter from the manufacturer is required.

9. Ceiling mounted Dual Dome LED OT lights (imported and as per EN standard) with following features.

140000 lux, each Dome Dimming multiple steps, Focus, Light field dia - 180-320mm, Colour temp.-4300k, Endoscopy/ Leproscopy green light, not less than 216 LEDs, Colour rendering Index Ra>93, Safety glass, Light

emitting surface, Satin finish cover glass. Camera should be quoted as optional.

Authority letter from the manufacturer is mandatory.

10. Electric wiring + fittings and fixtures inside O.T. and D.B.

All high voltage equipments should be in a remote enclosure to allow access to the electrical panel for maintenance without access to the OT area. Floor should be provided with equipotential earthing.

The remote cabinet should house the operating lamp transformer, mains failure relays, electrical distribution equipment and circuit protection equipment (including leakage current protector, earthing) for all circuits with in OT. Plus structured wiring for computers and monitors to be terminated in standard sockets.

11. Copper Gas pipe line inside O.T. as per BSEN 13348-2001STD .The scope of work will cover oxygen, nitrous oxide, compressed air 4 bar and Vacuum .

The copper tube shall be installed in conformity with the requirement of HTM 02-01 . Manufacturer's test certificates should be provided for the pipes. Inspection certificate from manufacturer and third party inspection by TUV/ Lloyds should be provided.

12. Membrane type operation control panel mounted flush in the theatre wall

with distribution board complete with all accessories. The control panel comprising of the following –

- 1 number day time digital clock.
- 1 number elapsed time digital clock.
- 1 number hands free telephone.
- Medical gas alarm should indicate high, normal and low gas pressure for each gas service present in the operating room.
- Temperature and humidity display only.
- Peripheral light controller.

13. Twin plate x-ray viewing screen designed to provide a high level of control luminance (Dimming range 3 – 100% flicker free) illuminated by 4 pieces of high frequency fluorescent lamps. complete with all accessories etc.
14. Operating writing list board made of high grade G.P. Sheet or powder coated CRC material of size 1000 mm x 700 mm x 60 mm deep having magnetic properties complete with all accessories etc.
15. Dirty Hatch in operation theatre for removal of OT waste. Each hatch should be equipped with two doors and the door should be operated electronically. The hatch designed in such a way that only one door should be opened one time. The Dirty Hatch comprising of the following; MOC – 18 swg. SS 304, View Panel – 5 mm thick. Glass on both shutters, with UV light 'ON' operational when doors are closed (700 x 700 x 600 deep).

PART 'A'
(to be put in the Technical Bid Envelope)

The following information must be furnished in the Format given below along with the necessary documentation required with the tender.

S.No	Document	Details	Annexure	Page No. (from-to)
			To be mentioned invariably	
1.	Earnest money of Rs. 1,00,000/-	Pay order/demand draft/banker's cheque no..... dated for Rs..... in favour of payable at	(enclosed)	
2.	Establishment/incorporation/registration certificate of the firm		(enclosed)	
3.	Audited balance sheet and audited Profit & Loss account of last three years ending 31-03-2008	2005-06 Turnover..... Profit..... 2006-07 Turnover..... Profit..... 2007-08 Turnover..... Profit.....	(enclosed)	
4.	Technical specifications of the tender and tender documents duly stamped and signed by tenderer in token of acceptance thereof		(enclosed)	
5.	Copy of the Work Orders and clients' successful commissioning/satisfactory performance certificate as a proof of experience	1. 2. 3. 4.	(enclosed)	
6.	Letter of Authority of original Foreign Principal/Manufacturer for the offered imported products/equipments.	1. 2. 3. 4.	(enclosed)	
7.	Make and Model of all equipments offered alongwith technical catalogues/pamphlets showing complete specifications thereof		(enclosed)	

Signature of the Tenderer with Seal

PART-B

Subject: BOQ/Schedule of work for Modular OT for the purpose of Financial Bid.

(It shall form part of the Financial Bid document, in the Technical Bid document, the BOQ without price, along with technical specifications shall be attached.)

S. No.	PRODUCT DESCRIPTION	QTY.	Unit	Unit Rate (in figure)	Unit Rate (in rates)	Total (in Rs/figure)	Country of origin of the main component/ equipment(s)
1.	Walls made of 10 mm high pressure laminate with both side anti-bacterial (back and front) <u>Hypercare / Steripanel</u> or similar material (as per EN standard) and imported. <u>Hypercare / Steri Panel</u> or similar should be impact and abrasion resistant, scratchproof, both side anti-bacterial as per technical specifications.	1	Set				
2.	(a) Supporting structure made of galvanized steel profile for Steri Panel/ Hipercare along with cascade. Pressure relief dampers/Pressure stabilizer indigenous Size 300x300 with aluminium grill having multi 304 graded stainless steel blades for maintaining the positive pressure inside the operation theatre towards room air pressure as per technical specifications .	1	Set				
3.	(a) Ceiling system should be made of STERIPANEL / HIPERCARE or similar material (imported and as per EN standard) both side anti-bacterial. Ceiling material should be made from 0.8mm thick <u>STERIPANEL/HIPERCARE</u> or similar both side and should have an average weight of 4.5 kg/sqmtrs. (b) Clean air system with HEPA filters – The Plenum box made of Aluminum Sheet (60601 T5) 1.6mm thick. The laminar flow system shall comprise of the thick extruded aluminum profiles frame and sealed gasket . The Plenum air is passed only through “S” class HEPA filters as per technical specifications.	1	Set				
4.	Conductive floor (imported) should	1	Set				

	be made of two component anti-static resin of three different layer consisting of primer, self leveling and top layer. Top layer should be treated chemically to harden the surface for longer durability and for ease of cleaning and disinfection as per technical specifications.						
5.	Corners should be made of imported round shaped aluminum profile, integrated into the floor, inserted into the wall paneling as per technical specifications.	1	Set				
6.	Doors (imported and as per EN standard and CE marked) 1500mmX2100mm automatic sliding hermetically sealed made of high pressure laminate antibacterial STERIPANEL / HIPERCARE or similar material (imported and as per EN standard) with 300mmX300mm glass vision window as per technical specifications and site conditions.	2	No				
7.	(a) Peripheral light (imported). Peripheral light should have following features: Luminaire body should be dust proof, nearly bacteria proof, high degree of protection IP 65. (b) Endoscopic light : Green light insert for use in the operating theatre especially for minimally invasive surgery with low illuminances as per technical specifications.	1	Set				
8.	Ceiling Pendant for Anaesthesia & for Surgeon:- Ceiling pendent with spacer block and six Medical gas outlet points and eight electrical Switch & sockets, IV POLE with motorized movement. (imported and as per EN standard) as per technical specifications.	1	Set				
9.	Ceiling mounted Dual Dome LED OT lights (imported and as per EN standard) with following features. 140000 lux, multiple steps, Focus, Light field each dome dia -180-320mm, Colour temp.-4300k, Endoscopy/ Leproscopy green light, not less than 216 LEDs, Colour rendering Index Ra>93, Safety glass, Light emitting surface, Satin finish cover glass. Camera should be quoted as optional as per technical specifications.	1	Set				
10.	Electric wiring + fittings and fixtures inside O.T. and D.B. All high voltage equipments should be in a remote enclosure to allow access to the electrical panel for maintenance without access to the OT area.The	1	Set				

	remote cabinet should house the operating lamp transformer, mains failure relays, electrical distribution equipment and circuit protection equipment for all circuits with in OT as per technical specifications.						
11.	Copper Gas pipe line inside O.T. as per BSEN 13348-2001STD .The scope of work will cover oxygen, nitrous oxide, compressed air 4 bar and Vacuum,	1	Set				
12.	Membrane type operation control panel mounted flush in the theatre wall with distribution board complete with all accessories as per technical specifications.	1	Set				
13.	Twin plate x-ray viewing screen designed to provide a high level of control luminance (Dimming range 3 – 100% flicker free) illuminated by 4 pieces of high frequency fluorescent lamps. complete with all accessories etc as per technical specifications.	1	Set				
14.	Operating writing list board made of high grade GP sheet or powder coated CRC material of size 1000mmx700mm x 60mm deep having magnetic properties complete with all accessories etc.						
15.	Dirty Hatch in operation theatre for removal of OT waste. Each hatch should be equipped with two doors and the door should be operated electronically. The hatch designed in such a way that only one door should be opened one time. The Dirty Hatch comprising of the following; MOC – 18 swg. SS 304, View Panel – 5 mm thick. Glass on both shutters, with UV light 'ON' operational when doors are closed (700 x 700 x 600 deep) as per technical specifications.	1	Set				

Signature of the Tenderer alongwith Chief Engineer

PART 'B'

(to be put in the Financial Bid Envelopment)

Total Contract Amount including all ancillary /auxiliary items
whatsoever and all taxes, duties levies, charges erection, commissioning and
testing etc. Rs.....(in figures)
.....(in words).

Signature of the Tenderer with seal

