



**OFFICE OF THE PROJECT DIRECTOR
REHAB:DHQ/THQ HOSPITALS IN SINDH, HEALTH DEPARTMENT
GOVERNMENT OF SINDH, KARACHI
(SHAHEED MOHTARMA BENAZIR BHUTTO SINDH HEALTH INITIATIVE)**

No. PD/DHQ/ /2017

Dated: /2017


Invitation for Bid (IFB)

Office of the Project Director rehab: DHQ/THQ Hospitals in Sindh invites sealed bids from eligible bidders i.e. authorized dealers/Firms/Sole Distributors/Suppliers/Importers having valid registration with Income Tax and Sales Tax and relevant authorities for the supply of **Medical Equipment/Instruments of DHQ Hospital Kotri @ Jamshoro and Hospitals/Office Furniture for DHQ hospitals Kotri @ Jamshoro & Tando Muhammad Khan, under ADP Schemes No.733 (2017-18) as per Single Stage Two Envelope Procedure** of SPPRA rules 2010, (Amended 2017). The offers for medical equipment/instruments and furniture manufactured outside Pakistan shall be in Cost Insurance and Freight (CIF) up to Karachi Port in foreign currency, for comparison of CIF prices quoted in the currency of the country of origin shall be converted in to Pak Rupees on the basis of the official Bank rate prevailing on the date of opening of the bid issued by the State Bank of Pakistan. Medical Equipment/instruments are exempted from custom duty that shall be arranged by the Project. Payment shall be made through opening of letter of credit (LC). Local Manufacturer / Authorized Dealers / Firms / Sole Distributors / Suppliers / Importers may quote in Pak rupees, keeping in view the equipment / Instruments of this project are exempted from custom duty.

Interested eligible bidders may obtain further information and inspect the bidding documents of the required items at the office of the Project Director Rehab: DHQ/THQ Hospitals in Sindh, D-62 / 2, Block-9, Opp: Beacon House KG-II Branch School, Near Kausar Medicos, Clifton Karachi Tel: 021-35822317. after publication of this IFB.

A complete set of bidding documents may be purchased on the submission of a written application and upon payment of a non-refundable fee of Rs. 2,000/- (Two Thousand Only) for Equipment and Rs. 1,000/- (One Thousand Only) for Furniture for each bid from **11-10-2017 to 27-10-2017 at 12:00 Noon**. The rates quoted must remain valid for a period of Ninety Days (90) after opening of the bid. Bids must be submitted / delivered to the above office on or before **02:00 PM on 27-10-2017**, and shall be opened in the presence of bidders, representative who choose to attend at **03:00 PM on same date (i.e. 27-10-2017)** and at same place. All bids must be accompanied by as bid security of not less than 2% of the total bid price in shape of pay order/call deposit/Bank Guarantee in Favour of undersigned in the envelope contain Financial Proposal. Bids shall be rejected if the bid security does not cover the quoted rates or placed with Technical Proposal. Late bids and incomplete bids shall be rejected as non-responsive. The Procuring Agency retains the right to increase or decrease items not more that 15% of the contract amount.

The Procuring Agency has the right to reject all the Bids and annul the process before Award of Contract.

 9.10.2017

Project Director
Rehab: of DHQ/THQ Hospitals in Sindh,
Karachi

Address: D-62/2, Block -9, KDA Scheme-5, Clifton Punjab Chowranghi, Near Kosar Medico, Karachi.
Tel: 021-36024884-5, Fax: 021-35822317
Email: hab.karachi2010@yahoo.com



Government of Sindh
Health Department

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NOTIFICATION.

No.HD(P&E)3-2(337)/2012 In partial modification of Government of Sindh Health Department Notification of even number dated 07th March,2016. Procurement Committee as per following manner is reconstituted in respect of development Project " Rehabilitation of DHQ /THQ Hospitals in Sindh under Rule-7 of Sindh Public Procurement Rules,2010 (Amended 2013)

- | | |
|---|----------|
| • Director General Health Services Sindh, Hyderabad. | Chairman |
| • Project Director Rehabilitation of DHQ/THQ Hospitals in Sindh, Karachi. | Member |
| • Deputy Project Director (BPS-19) Rehabilitation of DHQ/THQ Hospitals in Sindh, Karachi. | Member |
| • Representative of Deputy Commissioner South Karachi. (Not below BPS-18). | Member |
| • Treasury Officer Karachi/Representative of A.G.Sindh. | Member |

TORs.

The committee authorized to make the procurement of equipments, instruments, Furniture Fixture etc and to evaluate Technical and Financial Bids for Civil Works and conventional construction.

The committee shall be held responsible to observe all the usual formalities as per Sindh Public Procurement Rules, 2010 (Amended 2013).

SECRETARY HEALTH
GOVERNMENT OF SINDH, KARACHI
KARACHI.

No.HD(P&E)3-2(337)/2012
C.c to:

Karachi/Dated /15-03-2016

1. The Additional Chief Secretary (Dev) P&D Department Government of Sindh, Karachi.
2. The Secretary Finance Department Government of Sindh, Karachi.
3. The Accountant General Sindh, Karachi.
4. The Managing Director Sindh Public Procurement Regularity Authority, Karachi.
5. All members of the Committee.
6. The Project Director Rehabilitation of DHQ/THQ Hospitals in Sindh, Karachi.
7. PS to the Chairman Health Advisory Board Karachi.
8. PS to the Secretary Health Government of Sindh, Karachi.
9. PA to the Additional Secretary (Dev) Health Department Government of Sindh, Karachi.

Deputy Director (Dev-II)



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Phone # 99203108, 99204203

No. SO (M&I) 2-1/2013 (CRC)

**GOVERNMENT OF SINDH
HEALTH DEPARTMENT**

(PROCUREMENT MONITORING & INSPECTION CELL)
Karachi, Dated: the 28th March, 2015

NOTIFICATION

In supersession of this Department's notification of even number dated: 29th July, 2013 and in pursuance of Rules-31 and 32 of Sindh Public Procurement Rules 2010, the Government of Sindh, Health Department re-constitutes Complaint Redressal Committee (CRC) comprising of the following officers for scrutinizing the complaints of aggrieved bidders against tender invited by Health Institutions / Hospitals / Programmes / Projects in Sindh.

01	Secretary Health Department, Sindh	Chairman
02	Additional Secretary (PM&I), Health Department, Sindh	Member
03	Professor Khalida Soomro, Professor of Cardiology, Dow University of Health Sciences / Civil Hospital, Karachi.	Member
04	Dr. Syed Khalid Hussain, Procurement Executive, N.I.C.V.D., Karachi.	Member
05	Representative from Accountant General Sindh, Karachi	Member

TORs

- To scrutinize the complaints from the aggrieved bidders and decide the cases strictly in accordance with SPP Rules 2010.

**IFTIKHAR ALI SHALLWANI
SECRETARY HEALTH**

No. S.O. (M&I) 2-1/2011 (CRC)

Karachi, dated, the 28th March, 2015

C.C to.


1. The P.S. to Chief Secretary Sindh, Karachi.
2. The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
3. The Executive Director, NICVD, Karachi.
4. The Director General Health Services Sindh, Hyderabad.
5. The Additional Secretary (Admin/Development/Public Health), Health Department.
6. The Chairman & all members of the Committee.
7. The P.S. to Secretary Health


(RASHID HUSSAIN)
SECTION OFFICER (PM&I)

**Annual procurement plan
(Works, Goods & Services)
Financial Year 2017-18**

Rupees in Million

S.No.	Description	Qty.	Estimated Unit Cost (Where Application)	Funds Allocation	Sources of Funds (ADP/Non ADP)	Proposed Procurement Method	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	Remarks
01	Equipment	N/A	N/A	248.727	ADP No. 733 THQ H Tando Allahyar, T. M Khan & Jamshoro @ Kotri	Single Stage Two Envelops	--	--	198.232	--	
02	Furniture	N/A	N/A				--	--	50.495	--	
03	Equipment	N/A	N/A	209.130	ADP No. 734 DHQ Hospital Badin, Khairpur & Shikarpur (03 Nos.)	Single Stage Two Envelops	--	--	197.884	--	
04	Furniture	N/A	N/A				--	--	11.246	--	
05	Equipment	N/A	N/A	Nil	ADP No. 729 DHQ Hospital Mithi (01 No.)	Single Stage Two Envelops	--	--	--	--	
06	Furniture	N/A	N/A				--	--	--	--	
07	Equipment	N/A	N/A	200.00	ADP No. 735 DHQ Hospital Thatta, Sanghar, Mirpurkhas, Dadu, N/Feroze & Mirpur Mathelo (06 Nos.)	Single Stage Two Envelops	---	---	133.250	--	
08	Furniture	N/A	N/A				---	---	66.750	--	
09	Equipment	N/A	N/A	Nil	ADP No. 736 DHQ H Matiyari, Kamber @ Shahdadt Kot & Umerkot (03 Nos.)	Single Stage Two Envelops	--	--	--	--	
10	Furniture	N/A	N/A				--	--	--	--	
11	Equipment	N/A	N/A	Nil	ADP No. 737 DHQ H Kashmore @ Kandhkot (01 No.)	Single Stage Two Envelops	--	--	--	--	
12	Furniture	N/A	N/A				--	--	--	--	


Project Director
 Rehab: DHQ/THQ Hospitals
 Health Department
 Government of Sindh, Karachi

Rupees in Million

S.No.	Description	Qty.	Estimated Unit Cost (Where Application)	Funds Allocation	Sources of Funds (ADP/Non ADP)	Proposed Procurement Method	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	Remarks
13	Equipment	N/A	N/A	90.00	ADP No. 738 THQ H Emergency Cum Trauma Centers 41 Nos. & Renovation of Existing Building 39 Nos.	Single Stage Two Envelops	--	--	90.00	--	
14	Furniture	N/A	N/A				--	--	--	--	


Project Director
 Rehab: DHQ/THQ Hospitals
 Health Department
 Government of Sindh, Karachi

**PROJECT DIRECTOR
REHAB: DHQ/THQ HOSPITALS IN SINDH
HEALTH DEPARTMENT,
GOVERNMENT OF SINDH
(SHAHEED MOHTARMA BENAZIR BHUTTO SINDH HEALTH INITIATIVE)**



Project Director
Rehab: DHQ/THQ Hospitals
Health Department
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Bidding Documents for Procurement of Hospital Furniture/ Office Furniture for the Financial Year 2017-18 ADP Scheme No. 733, Up-Gradation of THQ Hospitals to the Level of DHQ Hospitals in Sindh, Jamshoro @ Kotri & Tando Muhammad Khan.

Issued to M/s. _____

Due on: 27-10-2017 at 02:00 PM

INVITATION FOR BIDS

1. Sealed bids are valid from eligible bidders for Supply of Hospital Furniture/Office Furniture, against funds provided under "ADP No. 733, "Up-gradation of THQ Hospitals to the level of THQ Hospitals in Sindh", Jamshoro @ Kotri & Tando Muhammad Khan and it is intended the part of the proceeds of the credit will be applied to eligible payments under the contract for the purchase of office/hospital furniture/fixture for the financial year 2017-18.
2. Bidding will be conducted under **Sindh Public Procurement Rules 2010 clause 46 (2)**. Bidding procedures specified in this document is open to all interested bidders.
3. Interested bidders may obtain further information from the office of the undersigned office during office hours.
4. Complete set of bidding documents may be purchased by interested bidders on submission of written application, from the office of the undersigned or upon cash payment of non-refundable fee of **Rs. 1,000/- (Rupees: One Thousand Only)**.
5. All bids (Technical) must be accompanied by Earnest Money in the amount of **2% of Bid Amount** in the form of Bank Guarantee, Pay Order or Demand Draft in favor of Employer, and must be delivered to **D-62, Opp. Beacon House School KG II near Kausar Medicos, Block 9, Clifton Karachi**, at or **before 02:00 PM, on 27-10-2017**. **Bids will be opened at 03:00 PM on the same day**, in the presence of Bidders' representatives who choose to attend at the same address

Address:

OFFICE OF THE PROJECT DIRECTOR
REHAB: DHQ / THQ HOSPITALS IN SINDH,
D-62/1, BLOCK-9, NEAR KAUSAR MEDICO,
OPPOSITE BEACON HOUSE KG-II BRANCH SCHOOL,
CLIFTON, KARACHI.
TEL/FAX: 021-35822317.



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Rehab: DHQ / THQ Hospitals in Sindh
Karachi
Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi

Instructions to Bidders

- 1) Bids shall remain valid for 90 days from the date of opening. A bid valid for a shorter period shall be rejected as being non-responsive.
- 2) The bidders shall quote their prices inclusive of all duties /taxes/Octroi transportation etc. and all other expenses on free delivery to Consignee's end, at DHQ to THQ Hospitals **Kotri @ Jamshoro & Tando Muhammad Khan**.
- 3) Price should be quoted in Figures & Words both, failing which the offer will be ignored.
- 4) The bid prepared by the Bidder shall comprise the following documents:
 - a) Bid Form & Price Schedules duly completed by the Bidder.
 - b) The Bidder shall furnish a bid security @ 2% of the quoted value in the form of a Pay Order / Bank Guarantee / Demand Draft.
 - c) The original catalogue must be accompanied with technical offer furniture.
 - d) The bidder must confirm free Installation at consignee's end as specified, one year material and workman ship guarantee.
 - e) The supplier will be bound to supply the price list of spare parts and consumable items at the time of tender i.e. for one year after supply of items.
 - f) The supplier will be bound to provide free service during warranty period of the supplied furniture/equipment on demand.
 - g) The original tender purchase receipt should be attached with the Technical Bid Document and photocopy with Financial Proposal.
 - h) Bidders shall purchase separate tender document and furnish purchase receipts for alternate offer, in case they want to submit alternate offer. Any item's bid with alternate offers with out separate purchase receipt (Original) is supposed to be rejected.
 - i) The bidder shall furnish copy of valid Professional Tax (Excise & Taxation) Certificate/Income Tax Certificate/GST Registration Certificate /Chamber of Commerce Certificate
 - j) Tenderers shall submit guarantee letter that the supplied Furniture is the original/brand new product/latest model, none of the part is replaced, old or refurbished.
 - k) Tenderers must enclose list of users of the quoted item(s), availability of workshop & trained + qualified persons at Sindh for after sale service.
 - l) Bidder may submit certificate establishing company quality Standards. e.g. ISO certification etc..
- 5) The prices quoted by the bidder shall remain fixed during the performance of the contract, and subject to no variation on any account. A bid submitted with an adjustable price or conditional will be treated as non-responsive and rejected.
- 6) The Bidder shall prepare bid, comprising one single large package, containing separately two envelopes. The Envelopes shall be marked as **"TECHNICAL PROPOSAL"** and

"FINANCIAL PROPOSAL" in bold and legible letter to avoid confusion. The Technical & Financial Bids, (envelopes) each consisting of the documents listed below.

- 7) In Technical Proposal the bidder must provide the original Technical brochure, copy of Income Tax registration certificate, Sales Tax registration certificate, Sole Agency certificate; otherwise the bid will be ignored.
- 8) In Financial Proposal, the bidder must provide original bid security / earnest money at the rate of 2% of the quoted value. A photocopy of the same should be attached with Technical Proposal but its value must not be disclosed and this can be achieved by placing a piece of paper on the place where amount is mentioned.
- 9) All pages of the bid, except un-amended printed literature, shall be initialed by the person or persons signing the bid.
- 10) The bid shall contain no alterations, omissions, or additions, unless such corrections are initialed by the person or persons signing the bid.
- 11) Bids shall be submitted either by the manufacturer or sole agent if quoted imported items.
- 12) Arithmetical errors will be rectified on the following basis:
 - i). If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between subtotals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected.
 - ii). If there is a discrepancy between words and figures, the amount in words will prevail.
 - iii). If the Bidder does not accept the correction of errors, his bid will be rejected.
- 13) The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and to reject all bids at any time prior to award of contract under the relevant provisions of Sindh Public Procurement Rules 2010, amended 2017 without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser's action.
- 14) Prior to the expiration of the period of bid validity, the Purchaser will notify the successful Bidder through Advance Acceptance/ notification of award. This will constitute the formation of the contract. Within seven (07) days after receipt of the Advance Acceptance, the successful Bidder shall furnish the **Performance Security @ 5% of the Contracted Amount and will sign the Contract Agreement.**
- 15) Distributor once nominated by the manufacturer will be for the whole contract period and manufacturer cannot change its distributor during the year of contract in any case. In exceptional cases the tendering authority may approve changes.
- 16) Bidders qualifying the Eligibility Criteria shall call for the submission of samples for quoted item; Samples shall comply with the tender specifications. Final Approval/decision would be taken on samples provided by bidders.

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Health Department
Government of Sindh, Karachi

General and Special Conditions of Contract

- 1) The Contract shall be governed by and interpreted in accordance with laws of the Islamic Republic of Pakistan.
- 2) Store is required immediately. The bidder may however give their short guaranteed delivery period by which the supply will be completed but not later than 90 days after award of contract. No Extension will be granted / accorded for the supply.
- 3) The manufacturer should provide an undertaking that if his authorized contractor fails to carryout any assignment in total or in part, manufacturer will be responsible to carry out the same.
- 4) Except as otherwise specifically provided in the Contract, the Contractor shall bear and pay all taxes, duties, levies and charges assessed on the Contractor.
- 5) The Contract Price shall be made to the Contractor as specified in the Contract Agreement, subject to the general principle / procedure of Government of Sindh.
- 6) The Contract shall be executed in accordance with the Contract Documents and procedures.
- 7) The Purchaser or his representative shall inspect the Furniture to confirm their conformity to the Contract specification. The inspection will be conducted at the premises of consignee after receipt of supply.
- 8) Another inspection will be conducted at the premises of consignee at the time of receiving the items shown in the tender documents.
- 9) If the Contractor fails to attain completion of the supply or installation within the time for completion, he shall pay to the purchaser liquidated damages at the rate of 2% per month (0.5% per week) of the Contract Price, or the relevant part thereof. **The aggregate amount of such liquidated damages shall in no event exceed 10% of the bid amount.** Once the "Maximum limit" is reached, the Purchaser may consider termination of the Contract.
- 10) The Contractor warrants that the supplied furniture or any part thereof shall be free from defects in the design/manufacture/engineering & material etc. In case of defect in any part at the time of supply or installation, it shall be replaced with new one instead of repair.
- 11) The purchaser, without prejudice to any other remedy for breach of contract by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - (a) If the supplier fails to deliver any or all of the contracted items within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser.
 - (b) If the Supplier fails to perform any other obligation(s) under the Contract.

Project Director
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Government of Sindh, Karachi

- (c) If the supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 12) The bidder shall confirm the refund of cost difference, if the same goods are/were supplied by him at lower rates to any other Government/Semi Government institution or Armed Forces in the Province or out side in the same fiscal year.
- 13) **Repeat Orders:** means procurement of additional quantities of the items(s) from the original contractor or supplier, where, after the items originally envisaged for the project or scheme have been procured through open competitive bidding, and such additional quantities of the same item(s) of goods are works are needed to meet the requirements of the project or scheme.

Provided that:-

- i. The cost of additional quantities of item(s) shall not exceed 15% of the original contract amount.
- ii. The original supplier and contractor are willing to supply goods or carry our additional work on the same prices as agreed in the original contract.
- iii. In case of goods it shall be permissible on the within the same Financial Year, and in case of works, during the currency of the Project(s) or scheme(s).
- 14) Service charges @ 0.30% of the value of the Contract will realized/charged by the A.G. Sindh, while making payment to the contractors for award of each contract.

UNDERTAKING

1. That I/we agree whether our tender is accepted for total, partial or enhanced quantity for all or any single item. I/We also agree to supply and accept the said item at the rates for the supply of contracted quantity with in the stipulated period shown in the contract.
2. I/We understand and confirm the refund of cost difference if the same goods are/were supplied at lower rates to any other Government/Semi Government. Institution in the province by us in the same fiscal year.
3. I/We undertake that, if any of the information submitted in accordance to this Tender Enquiry is found incorrect, our contract may be cancelled at any stage at our cost and risk.

CERTIFICATE

We guarantee to supply the stores exactly in accordance with the requirement specified in the invitation to this tender.

Signature of Tenderer _____

Name & Designation _____

Name of Company _____

Address: _____

Evaluation Criteria

FIRM NAME: _____

Sr	Requisite	Total Marks	Remarks	Evidence as Required	Marks Obtained
FIRM OVERALL STANDING					
01	Firm Status	02	Public / Private Limited Company	Provide Letter of Incorporation / NTN certificate/ company registration Letter	
		01	Sole Proprietorship		
02	Business Experience in Years	10	06 Years or above Mandatory	Provide GST Certificate / NTN certificate / company registration Letter	
		05	03 Years or above Mandatory		
03	No. of offices	04	04 or above	Provide Complete Addresses provided on Letter Head	
		02	02 or above		
04	Professional Tax Certificate	02	Mandatory		
05	Chamber of Commerce Certificate	02			
FIRM FINANCIAL CAPABILITIES					
06	Turn Over in Last 3 Years	15	100 Million or above	Provide Audited Financial Statements for Last 3 Years	
		10	75 Million or above		
07	Bank Certificates in Original Showing last 3 years Turnover <i>(Bank Credit certificate, Bank Statement, Account Maintenance & Un corruptness Certificates)</i>	05		Provide certificates from Bank	
08	Income Tax Returns for Last 5 Years	05			
09	Monthly Sales Tax Returns of Last 1 Year	05			
MANUFACTURING CAPACITY AND AFTER SALES SUPPORT					
10	Evidence of Manufacturing Setup: along with Authorization letter from the same Manufacturer who shall register in GST as Manufacturer in case of local manufacturer/Importer Product <i>(Establish still pictures, further will be verified on official visit)</i>	25		Provide Complete details and address of the Setup along with telephone Numbers.	
11	Evidence of Supply of Hospital/Office Furniture to 50 or more bed hospitals or in Govt. Organizations <i>(Establish work orders for last 3 Years)</i>	20	20 or above references	Establish Work Orders and Delivery Notes	
		08	10 or above references		
12	List of Supporting Team/technical Staff	5	10 and above technical staff		
		02	05 and above technical staff		

Note: the Qualifying Marks/Passing Marks will be 70. Any Company/firm/Authorized Agent will be disqualified if he secures less than 70 Marks. The Company/Firm/Authorized Agent is required to furnish proof regarding the evaluation criteria. In case of failure to furnish evidence, it will be disqualified/declared.

15. BID FORM AND PRICE SCHEDULE

Date: _____

Tender No. _____

To: [Name and address of Procuring Agency]

Gentlemen and/or Ladies:

Having examined the Bidding Documents including addenda nos: [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer the supply and deliver [description of goods and services] in conformity with the said Bidding Documents for the sum of [Total Bid Amount in words and figures], or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our bid is accepted, we will obtain a guarantee of a bank in the sum of equivalent to _____ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to abide by this bid for a period of [number] days from the date fixed for bid opening as per bid terms and condition, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of commission or gratuity
_____	_____	_____
_____	_____	_____

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of, _____ 2017

Signature : _____

(In the capacity of: _____

Duly authorized to sign bid for and on behalf of. _____

16. BID SECURITY FORM

Whereas [name of bidder] (hereinafter called the Bidder") has submitted its bid dated [date of submission of bid] for the supply of [name and /or description of goods] (hereinafter called the bid").

KNOW ALL PEOPLE by these presents that we [name of bank] of [name of country], having our registered office at [address of bank] (hereinafter called "the bank"), are bound unto [name of procuring agency] (hereinafter called "The procuring agency") in the sum of for which payment well and truly to be made to said procuring agency, the bank binds itself, its successors and assigns by these presents. Sealed with the common seal of the said bank this _____ day of _____, 20_____.

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form;
Or
2. If the bidder, having been notified of the acceptance of its bid by the procuring agency during the period of bid validity;
3. Fails or refuses to execute the contract form, if required; or
4. Fails or refuses to furnish the performance security, in accordance with the instruction to bidders.

We undertake to pay to the procuring agency up to the above amount upon receipt of its first written demand, without the procuring agency having to substantiate its demand, provided that in its demand the procuring agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including twenty eight (28) days after the period of bid validity, and any demand in respect thereof should reach the bank not later than the above date.

[Signature of bank]

17. CONTRACT FORM

THIS AGREEMENT made at _____ day of 20_____ between [name of procuring agency] of [country of procuring agency] (hereinafter referred to as the "Procuring Agency") of the one Part; and [name of supplier] of [city and country of supplier] (hereinafter called the "Supplier") of the other Part

WHEREAS the Procuring Agency invited bids for certain goods and ancillary services, viz [brief description of goods and service] and has accepted the bid by the Supplier for the supply of those goods and service in the sum of [contract price in words and figures] (hereinafter called "the contract price").

Now This Contract Witnessed As Follows:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to :
2. The following documents shall be deemed to form and be read and construed as part of this agreement , viz :-
 - a. The Bid form and Price Schedule submitted by the Bidder,
 - b. The Schedule of Requirements;
 - c. The Technical Specifications;
 - d. The General Conditions of Contract;
 - e. The Special Conditions of Contract;
 - f. The Procuring Agency's Notification of Award;
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.

IN WITNESS, Whereof the Parties hereto has caused this agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____
(For the procuring agency)

Signed, sealed, delivered by _____ the _____
(For the supplier)

18. PERFORMANCE SECURITY FORM

To: [Name of the Procuring Agency]

Whereas [Name of Supplier] (hereinafter called "the Supplier") has undertaken in pursuance of Contract No. [Number] dated [date] to supply [description of goods] (hereinafter called "the Contract").

And whereas it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

And whereas we have agreed to give the Supplier a Guarantee:

Therefore we hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [Amount of the Guarantee in Words and Figures] and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [Amount of Guarantee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____, 20__

Signature and Seal of the Guarantors/Bank: _____

[Name of bank or financial institution] _____

[Address] _____

[Date] _____

19. MANUFACTURER'S AUTHORIZATION FORM

To: [name of Procuring Agency]
[Tender no.]

WHEREAS [name of the Manufacturer] who are established and reputable Manufacturers of [name and/or description of the goods] having factories at [address of factory]

Do hereby authorize [name and address of Supplier/ Agent] to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. [Reference of the Invitation to Bid] for the goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note:

This letter of authority should be on the letter head of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

Schedule of Requirement

SPECIFICATIONS

Schedule of Office / Hospital Furniture for THQ to DHQ Hospitals Tando Muhammad Khan Phase I & II,
Tando Allahyar & Kotri @ Jamshoro
The Financial Year 2017-18 Under ADP Scheme No. 733

S. NO.	NAME OF EQUIPMENT	T.M. Khan Phase I	T.M. Khan Phase II	Kotri @ Jamshoro	OVER ALL TOTAL	F.O.R PRICE	
		QTY	QTY	QTY	QTY	Unit Price	Total Price
1	Foot Stepper						
	Double steep foot stepper constructed in Stainless Steel Local / Imported / Export quality / Equivalent	177	0	138	315		
2	Donor couches						
	Donor Couch with adjustable backrest, Complete frame made up of Stainless Steel pipe. Lying area upholstered with foam of 4" thickness (10 year warranty) and high quality artificial leather. Local / Imported / Export quality / Equivalent	1	0	0	1		
3	Over Bed Table						
	Heavy duty Structure, Height adjustment, Main and Adjustable Column shall have 3" or more round Stainless Steel Pipe, Top shall be of Imported ABS Material, Sharp edges should be covered with Plastic Caps or equivalent material to avoid any damage while moving. Local / Imported / Export quality / Equivalent	48	0	138	186		

	Bed side Locker						
4	Size: 18" X 16" X 33", Heavy duty M.S Structure 18 Gauge, One drawer shall have very fine quality channels, which shall enable smooth movements for drawer, One open cabin, one cabinet with door, having export quality handles, Shall have imported ABS top. Mobile on 4 Wheels. Finished with scratch and Chip resistance powder coated epoxy paint of very fine quality. Local / Imported / Export quality / Equivalent	79	73	9	161		
	Mattress with cover						
5	Foam Mattress having size of 78" X 36" X 4" thick, Should be of 10 years warranty, complete with export quality Rexene cover. Master Molty Foam / Equivalent	48	73	138	259		
	Bed side Bench / Seti						
6	Size: 5 X 1 ¼ X 1 ½ , Frame 1" X 1" square pipe, top Patti, epoxy powder coated color Local / Imported / Export quality / Equivalent.	74	0	138	212		
	Racks for Medicine						
7	Local / Imported / Export quality / Equivalent	5	0	15	20		
	Sofa Set						
8	Made of seasoned sheesham wood frame. Seat and back loose cushioned foam covered with artificial leather / cloth superior quality. Superior class stitching with brilliant spirit polish etc complete. Local / Imported / Export quality / Equivalent	0	0	2	2		

	Office Glass Table with Cabinet						
9	Size: 5 X 3 X 2.5, liquor polish, handles locks, channels good quality- Complete in all respect. Local / Imported / Export quality / Equivalent	0	0	3	3		
	Examination couch						
10	Frame to be one piece welded mild steel powder coated. Headrest to have stepless angle adjustment from horizontal to 75 degrees. 2" Mattress of 2.5 lbs/cft density with water proof flame retardant sterilizable cover. Paper roll holder to be fitted at head end and suitable for paper rolls up to 510mm wide. Size Approx 2000mm x 500mm Local / Imported / Export quality / Equivalent	0	0	46	46		
	Collection Chair						
11	Local / Imported / Export quality / Equivalent	0	0	2	2		

12	Crush Trolley	23	0	22	45		
	<p>Trolley Dimensions: 850 x 520 x 950 mm. Overall space requiring dimension: 65 x 67 cm. Trolley mobile on four nubber 5" swivel castors (Two Lockable) Wrap around rubber bumper provides protection of trolley. Fitted with Five drawers having central licking plate internally. Fitted with writing shelf / sliding side shelf. Fitted with utility container, needle disposal holder, I.V. Pole with height adjustable, dust basket and storage box. Included: 1. CRP Board (40 x 55cm) 2. Oxygen Tank Holder. 3. Transparant lable cards for the trolley & drawers. 4. IV Pole. Local / Imported / Export quality / Equivalent</p>						
13	Stretcher	0	0	30	30		
	<p>Complete frame made of M.S Pipe, Removable stretcher top having Stainless Steel curved top. Local / Imported / Export quality / Equivalent</p>						
14	Medicine Trolley	1	0	1	2		
	<p>Local / Imported / Export quality / Equivalent</p>						
15	Wheel Chair	15	0	25	40		
	<p>Main Frame of Welded 1" Round pipe Powder Coated. Seat & Back Upholstered with Foam & Artificial Leather. Rear Wheel non-swivel 20cm dia. Local / Imported / Export quality / Equivalent</p>						

16	Towel Stand	6	0	4	10		
	Local / Imported / Export quality / Equivalent						
17	Snellen Chart	2	0	2	4		
	Local / Imported / Export quality / Equivalent						
18	Surgical Chair	0	0	2	2		
	Revolving Upholstered 36cm dia. Seat top with foam & Rexene. Back Support strip back with adjustable level. Height Adjustable with the help of Gas Spring level. Fitted with imported Heavy Duty Nylon / Stainless Steel Base. Mobile on Roller caster dia. 50cm CE Certified Farication Local / Imported / Export quality / Equivalent						
19	Utensil / Kitchen	1	0	1	2		
	1. Food Trolley Stainless Steel (Qty. 02). 2. Degcha 10 x 10 Copper Matel (Qty. 04) 3. Degcha 5 x 5 Copper Matel (Qty. 04) 4. Degcha Small for Milk Aluminum (Qty. 02) 5. Degcha Small for Tea Stainless Steel (Qty. 02) 6. Donga for Tea Stainless Steel (Qty. 06) 7. Chamcha for tea Stainless Steel (Qty. 06) 8. Kafgeer Copper (Qty. 04) 9. Tub for Kitchen Iron (Qty. 04). 10. Donga for Liquid Stainless Steel (Qty. 06). 11. Tub for Atta Stainless Steel (Qty. 02). 12. Tawa Iron (Qty. 04). 13. Karhi Iron (Qty. 02). 14. Drum for Tea Services Stainless Steel (Qty. 02). 15. Knife All Sizes (Qty. 10) Local / Imported / Export quality / Equivalent						

20	Baby cot mattress with Cover	0	0	1	1		
	Local / Imported / Export quality / Equivalen						
21	Conference Table	0	0	1	1		
	Solid Shisham Wood Polished with 12 mm Glass top Conference Table for 16 Persons with 16 Chairs & 01 Executive Chair. Local / Imported / Export quality / Equivalen						
22	Two crank Follower Bed	33	73	0	106		
	Lying Area size 78" X 36", having four section perforated imported ABS top or Imported ABS Patti top. Full fowler adjustment with the help of Cranks; Main Frame shall constructed in channel patti / Pipe of 3 inch or more having 14/16 gauge, Both Sides of bed shall cover with half round bumper to avoid collision in the moving of bed. Leg section frame made of 2" X 2" square pipe; Imported Detachable ABS Head and foot Boards, Imported Aluminum Collapsible Side rails with push button locking mechanism of very fine quality, Imported Luxurious Castors (two Lockable) of 5 inch, Scratch and Chip resistance Powder Coated epoxy paint finish, Complete with IV hole, urine hooks and Stainless Steel IV Pole. Local / Imported / Export quality / Equivalent						
23	Office chair	0	16	0	16		
	Good quality Seasoned Sheesham wooden Frame, Seat and back cushioned with foam (10 year warranty) & good quality artificial leather. Local / Imported / Export quality / Equivalent						
24	Counter	1	0	0	1		
	Local / Imported / Export quality / Equivalent						



Project Director
 Rehab: DHQ/THQ Hospitals
 Health Department
 Government of Sindh, Karachi

25	Revolving chair	6	0	0	6		
	Revolving Seat, Upholstered seat & back, adjustable back rest, Height adjustment, Five legs heavy duty imported base. Local / Imported / Export quality / Equivalent						
26	Miscellaneous (Linens)	1	0	0	1		
	1. Bed Sheet Single (Qty. 150). 2. Pillow Cover (Qty. 150). 3. Patients Blanket (Qty. 150). All material should be stitched. Local / Imported / Export quality / Equivalent						
27	Miscellaneous (Linens)	1	0	0	1		
	1. Pillow (Qty. 150). 2. Patients Shirts & Pajama (Qty. 100). 3. Towel 27" x 54" (Qty. 100). 4. Draw Sheet (Qty. 100). All material should be stitched. Local / Imported / Export quality / Equivalent						
28	Miscellaneous (Linens)	1	0	0	1		
	1. Doctor Shirt, Pajama, Caps & Mas (Qty. 50) 2. OT Dark Green/White Shirts (Qty. 50) 3. Nurses White Dress 4 Pcs. Sets (Qty. 50). 4. Ward Boys 3 Pcs. Sets (Qty. 25). 5. Aya 3 Pcs. Sets. (Qty. 25) All material should be stitched. Local / Imported / Export quality / Equivalent						

Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi

	ICU Beds					
29	Lying Area size 78" X 36", having four section perforated imported ABS top or Imported ABS Patti top. Full fowler adjustment with the help of Cranks; Hi & Low Function with help of foot operated Hydraulic. Main Frame shall constructed in channel patti / Pipe of 3 inch or more having 14/16 gauge, Both Sides of bed shall cover with half round bumper to avoid collision in the moving of bed. Leg section frame made of 2" X 2" square pipe; Imported Detachable ABS Head and foot Boards, Imported Aluminum Collapsible Side rails with push button locking mechanism of very fine quality, Imported Luxurious Castors (two Lockable) of 5 inch, Scratch and Chip resistance Powder Coated epoxy paint finish, Complete with IV hole, urine hooks and Stainless Steel IV Pole. .Local / Imported / Export quality / Equivalent	20	0	0	20	
	Four seater fiber Seat					
30	Frame made of tubular steel pipe, Four unbreakable P.P Plastic seats. Boss/Citizen/Equivalent	40	0	0	40	

NOTE: Bidders qualifying the Eligibility Criteria shall call for the submission of samples for quoted item; Samples shall comply with the tender specifications. Final Approval/decision would be taken on samples provided by bidders.


 Project Director
 Rehab: DHQ/THQ Hospitals in Sindh
 Karachi
Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi

**PROJECT DIRECTOR
REHAB: DHQ/THQ HOSPITALS IN SINDH
HEALTH DEPARTMENT,
GOVERNMENT OF SINDH
(SHAHEED MOHTARMA BENAZIR BHUTTO SINDH HEALTH INITIATIVE)**



[Handwritten Signature]
Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi


BIDDING DOCUMENTS FOR PROCUREMENT OF MEDICAL EQUIPMENT/ INSTRUMENTS FOR THE FINANCIAL YEAR 2017-18, UNDER ADP SCHEME NO. 733 UP-GRADATION OF THQ HOSPITALS TO THE LEVEL OF DHQ Hospital JAMSHORO @ KOTRI.

Issued to M/s. _____

Due on: 27-10-2017 AT 02:00 PM

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2. Name of Equipment, Name & Manufacturer (Annex A, B & C)
3. Terms and Conditions
4. Notification of Award / Advance Contract
5. Contract Agreement
6. Performance Security
7. Payment Term:
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9. Undertaking
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11. Criteria For Evaluation Of Bids
12. Quality and Assessment Parameter
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Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi

1(a) INVITATION FOR BIDS

Date: _____

ADP NO 733 _____

Bid Reference No.: _____

1. The Project Director, Rehabilitation of DHQ/THQ Hospitals in Sindh of (the "Employer") has received credit from the Government of Sindh towards the cost of Up-Gradation of THQ Hospital to the level of DHQ Hospital Jamshoro @ Kotri And it is intended that part of the proceeds of the credit will be applied to eligible payments under the Contract for the Purchase of Machinery Equipment/Instrument for the financial year 2017-18 under ADP Scheme 733, Bidding is open to all eligible Bidders.
2. The Employer invites sealed bids (the **Technical & Financial envelope** should be separated), from eligible firms a foreign Bidder is entitled to bid only in a joint venture with a Pakistani contractor having manufacturing facility in Pakistan.
3. Bidders may obtain further information from, inspect at and acquire the Bidding Documents from the Office of the Employer, at D-62/2, Opp. Beacon House School KG II near Kausar Medicos, Block 9, Clifton Karachi.
4. A complete set of Bidding Documents may be purchased by an interested Bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 2000/-
5. All bids (Technical) must be accompanied by Earnest Money in the amount of 2% of Bid Amount in the form of Bank Guarantee, Pay Order or Demand Draft in favor of Employer, and must be delivered to D-62, Opp. Beacon House School KG II near Kausar Medicos, Block 9, Clifton Karachi. at or before 02:00 PM, on 27-10-2017. Bids will be opened at 03:00 PM on the same day, in the presence of Bidders' representatives who choose to attend at the same address

Address:

**OFFICE OF THE PROJECT DIRECTOR
REHAB: DHQ / THQ HOSPITALS IN SINDH,
D-63 OPP. BEACON HOUSE SCHOOL KG II
NEAR KAUSAR MEDICOS BLOCK-9,
CLIFTON, KARACHI.
TEL: 021-35822317 -**



**PROJECT DIRECTOR
Rehab: DHQ / THQ Hospitals in Sindh
Karachi
Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi**

1(b) CHECK LIST

The provision of this checklist is essential prerequisite along with submission of tenders.

S/No.	DETAILS	YES / NO	PAGE#/ Annex.
KNOCK OUT CLAUSES			
1	Original receipt for purchase of tender. Original receipt for purchase of tender for each alternate.		
2	The financial envelopes should be separated of each item, clearly marked the company name and quoted serial item No. and Name.		
3	Copy of Bid Security without amount in technical bid		
4	Sole agency certificates [as per annex at clause 18] or nominee of manufacturer or sole agent		
5	Copy of GST certificate		
6	Copy of NTN certificate		
7	Copy of last three years paid income tax Challan		
8	Copy of registration with chamber of commerce		
9	Copy of registration with PNRA in case of x-ray, before submission of bid.		
10	Price should not be mentioned on technical bid.		
11	Certificates regarding quality of production for conformity with International Standards (copy of certificate FDA, CE, JIS) [as per annex. C]		

Signature & seal (bidder): _____


Project Director
Rehab: DHQ/THQ Hospitals
Health Department
Government of Sindh, Karachi

Annexure "B"

Tender Item No.	Name of Equipment	Name of Manufacturer

Signature & seal (bidder): _____

Annexure "C"

Tender Item No.	Name of Equipment	Name of Manufacturer	Quality certification FDA, JIS, CE

Signature & seal (bidder): _____

3. TERMS AND CONDITIONS:

- 3.1 Bid shall remain valid for 90 days from the date of Bid opening.
- 3.2 Bidders shall quote their prices either on CIF Karachi or on free Delivery at Consignee's end DHQ Hospital Kotri basis excluding custom duties, as project office shall arrange letter of exemption of custom duties.
- 3.3 Price shall be quoted in Figure & words failing which the offer will be ignored. In case of discrepancy in two the price in words shall prevail and shall be taken as final
- 3.4 Free installation along with all accessories including labor charges/Demonstration at consignee's end must be borne by the bidder.
- 3.5 03 year free service from the date of installation and undertaking regarding availability of spare parts for at least 10 years may also be confirmed by the bidder through their principle or manufacturer
- 3.6 **manufacture and their Sole agent are authorized to participate in case of sole agent he must provide warranty and Guarantee, free after sales service for 3 years and availability spare parts for 10 years from manufacturer.**
- 3.7 Bidders are required to submit proof of past import of quoted items from Manufacturer by submitting copy of bill of entry (custom clearance documents), bill of lading /Air way bill and etc. along with their technical bid.
- 3.8 The supplier will be bound to train nominated technical personnel to operate /repair and maintain the supplied equipment.
- 3.9 Bidders should confirm the presence of Manufacturer's/sole agent's trained service/installation engineers/technicians and also provide the detail of their working experience, Manufacture's training certificate, list of tools and test equipment, approximate area of workshop in the premises of their office and address along with the bid.
- 3.10 List of hospitals, name of department, contact numbers of the end users, in which the quoted equipment are working must be attached. Copy of previous installation report in a reputed Govt./Private Teaching Hospitals/repair certificate if any, of the similar quoted items from the end user should be attached along with the bid.
- 3.11 Evaluation of equipment will be carried out in accordance with specifications of the equipment and evaluation criteria as mentioned in the bid documents

- 3.12 The bidder shall bear the charges of clearing agent, Godown rent, DO Charges and all other charges including transportation to Consignee end excluding custom duty and tax of whatsoever, Certificate will issued by this office to clarify that the import has been made for the hospital in Question so as to avail the facility of exemption of duties / taxes as per Government Rules
- 3.13 In this tender single stage two envelopes procedure as per SPPRA 2010 amended 2013 shall be followed i.e. Technical and Financial proposal separately, i.e. single stage two envelopes procedure . The envelope must contain tender enquiry no. on the top and **TECHNICAL/FINANCIAL PROPOSAL** clearly in order to avoid any confusion. The tenders shall be submitted with all documents, drawing literature & catalogue (in equipment) in Technical proposal, with sealing wax. The name of manufacturer or supplier should be affixed on the face of envelope at the left side, moreover, financial envelope should contain financial bid for each item separately,
- 3.14 The bid must be free from erasing, cutting and over writing. In case of erasing, cutting and over writing, authorized person shall initial it and affix the firm's stamp.
- 3.15 Conditional/Optional tenders will be ignored and will not be considered entertained/accepted.
Late bid received after the closing time shall not be entertained and shall be returned un opened
- 3.16 Tender shall be accompanied by Bid Security @ 2% of the value of stores quoted by bidder in form of call deposit/pay order/demand draft/ irrevocable Bank guarantee up to 28 days after expiry of bid validity period in the name of Project Director, Rehabilitation of THQ/DHQ Hospital, in Sindh,
- 3.17 Copy of Bid Security (without amount) must be attached along with the technical bid. In case of disclosure of price or amount of bid security in the technical bid, the bid shall be rejected.
However the original bid security showing amount of bid shall be furnished with financial bid/proposal.
- 3.18 For the X-Ray Equipment, bidders must submit a valid copy of registration with PNRA (Pakistan Nuclear Regulatory Authority) Firm shall have registration with PNRA before submission of bid.
- 3.23 The original printed catalogue/technical brochure showing detail technical specification, clear photo/picture of the quoted item, Manufactures address, phone number, e-mail address and website must accompany with offer.
- 3.19 The equipment to be imported comply/certified at CE/FDA /JIS standards. Certificate shall be attached along with the technical offer.

- 3.20 If the Contractor fails to complete the supply or installation within delivery period, he shall pay to the purchaser liquidated damages at the rate of 2% per month (0.5% per week) of the Contract Price, or the relevant part thereof. The aggregate amount of such liquidated damages shall in no event exceed 10% of the bid amount. Once the "Maximum limit" is reached, the Purchaser shall termination of the Contract, forfeit performance security and black list the bidder for specific or indefinite period.
- 3.21 Tenderers are required to furnish a detail technical quotation on their letter head and specify the standard and optional items /accessories as required in the tender specification with price if any. Bidder should clearly mention make, model, and country of origin of the quoted items.
- 3.22 Tenders shall purchase separate tender documents and furnish purchases receipt for each alternate offer in case they want to submit alternate offer for any item. All the bids with alternate offers without separate purchase receipt (original) are supposed to be rejected.
- 3.23 No Manufacturer shall authorize their distributor/agent/any firm or person to quote the same item which manufacturer quoted it-self in any tender. Manufacturer or sole agent shall not authorized more than one supplier to quote same item in this tender, failing which offers of the manufacturer as well as other bidders shall be ignored.

4. NOTIFICATION OF AWARD/ADVANCE CONTRACT:

- 4.1 Prior to the expiration of the period of bid validity, the purchaser will notify the successful bidder in writing, delivery by hand or by register letter by cable to be confirmed that their bid has been accepted.
- 4.2 The notification of award will constitute the formation of the contract.

5. CONTRACT AGREEMENT

Subject to the fulfillment of all codal formalities, the purchaser will award the contract to the successful bidder whose bid has been determined to be qualified to perform the contract satisfactory.

6. PERFORMANCE SECURITY

The successful bidder will have to deposit with the performance security in shape of call deposit/pay order/bank guarantee at the rate of 5% of the value of contract before agreement.

7. PAYMENT TERM:

- 7.1 In case of purchase on CIF this office will establish Letter of Credit for 80% of contract value in favor of manufacturer. Remaining 20% payment will be released in equivalent to Pak Rupees of CIF amount after successful completion of delivery of equipment at consignees' end, and the difference in currency fluctuation will be borne by bidder.
- 7.2 Terms of payment for FOR(free delivery at consignee end) Part Delivery, Part Payment may be allowed if applicable.

8. Stamp Duty:

- 8.1 Stamp duty @0.3% shall be borne by the suppliers.

9. UNDERTAKING

- 9.1 That I/We agree whether our tender accepted for total, partial or enhanced quantity for all or any single item. I/We also agreed to supply and accept the said item at the rates for the supply of contracted quantity with in the stipulated period shown in the contract.
- 9.2 I/We understand and confirm the refund of cost different if the same goods is/was supplied at lower rates to any other Govt. /Semi Govt. institution in the province in the same fiscal year.
- 9.3 I/We undertake that; if any of the information submitted in accordance to this tender enquiry found incorrect our contract may be cancelled at any stage on our cost and risk.

10. CERTIFICATE

We guarantee to supply the sores exactly in accordance with the requirement specified in the invitation to this tender.

Signature of Tenderer: _____

Name & Designation: _____

Address: _____

11. CRITERIA FOR EVALUATION OF BIDS

Quality and the following evaluation factors/ criteria will be employed on technical proposals. The number of points allocated to each factor shall be specified in the Evaluation Report. **Only bids securing minimum of 70% marks would be considered for further process.**

**EVALUATION CRITERIA
(ELECTRO-MEDICAL EQUIPMENTS)
ASSESSMENT PARAMETER MARKS**

12	12. ASSESSMENT PARAMETER	Marks
12.1	Availability of technical staff of the company/firm in reference to the product	15
<p>Following two components shall be considered in ascertaining the availability / expertise of technical staff:</p> <p>A. Number of technical staff</p> <p>i) At least two technical staff members</p> <p>ii) 01 additional number for every additional technical member shall be granted with maximum up to 04</p> <p>B. Technical Staff's academic qualification</p> <p>MSC or BE. degree in (Bio-Medical/Electronic) Engineering from recognized institution shall be granted two (02) additional mark. However, B.Tech shall not be considered for additional mark.</p>		
12.2	Manufacturer's local agent capacity for technical services with reference to the product.	15
<p>1. Repair work shop facility with the diagnostic tools and test equipment as submitted along with the quotation 07</p> <p>4. Service manual and other technical documentation List 03</p> <p>5. Availability of spare parts for 10 years and accessories at workshop List 05</p>		
12.3	Financial soundness	12
<p>1. The Bank certificate or credit limit over double of estimated Cost 08 4 additional marks shall be given to firms having more than double credit limit</p>		
12.4	Overall reputation in reference to the product (Cliental)	10

Overall reputation of the product shall be envisaged by following criteria:

- A. References/certificates provided regarding performance of the product from head of teaching hospitals. 2 each Teaching Hospital one mark each for secondary hospital.

12.5	General overall sale turnover of the Organization	10
	A. 60% or more sales proportion of Medical Equipment (quoted items)	07
	B. 40% or more sales proportion of scientific instruments	03
12.6	International Sales and country of origin of quoted item	15
	A. Sale of product in two or more continents	10
	B. Sale of product in single continent	05
12.7	Product Certification	10
	FDA approved product	04
	CE approved product	03
	JIS	03
12.8	Exclusive Agency Certificate, Attested by Embassy, & Chamber of Commerce from Native Country of Manufacturer	08
	A. 10 years or more for each products or	08
	B. 5 years or more for each products	05
	C. 3 years or more for each products	03
12.9	Other	05
	Submission of original brochures and required certificates as per tender terms and Conditions.	05

Firms are require to fill in following performa for key staff

Availability of technical staff of the company/firm in reference to the product:

1. Total Number of Technical Staff: _____
2. No of B.Sc. degree in Bio-Medical Engineering holder: _____
3. No. of Beach/Diploma holder: _____
4. No. of M.Sc./Master degree holder: _____
5. Details of Engineers : _____

S/No.	Name of Engineer	Qualification	Experience No of years	Manufacturer's Training with name of equipment and duration

Signature: _____

Seal: _____

Assessment Parameter: 13.1.1

Manufacturer's local agent capacity for technical services in reference to the product

Physical size and facility of workshop _____
(Please attach photograph or picture of your workshop)

Details of Test and diagnostic tools: _____
(Please attach a separate sheet describing the test and diagnostic tools):

Details of Service manual and other technical documentation: _____
(Please attach a separate sheet describing the details of Manuals and other supporting documents)

Details of spare parts and accessories available at workshop: _____
(Please attach a separate sheet mentioning the list of spare parts and accessories)

Assessment Parameter: 13.2.1

Financial soundness

Copy of Income Tax Paid Challan for last three years: _____

Copy of audited Balance sheet by a recognized audit firm: _____

OR

Copy of Bank statement for the last financial year: _____

Assessment Parameter: 13.3.1

Overall reputation in reference to the product (Cliental)

No. of references _____
(Reference will be verified)

No of Certificates, regarding performance of the product from head of the concerned institute/hospital _____

Signature: _____

Seal: _____

Assessment Parameter: 13.4.1

Overall sale turnover of the Organization: _____

For quoted Medical Equipment: _____

For other scientific equipment: _____

Assessment Parameter: 8.6

International Sales and country of origin of quoted item

Tender Item no	Name of Quoted Equipment	Manufacturers' declaration mentioning name of continents where the equipment are sold.	Country of Origin

Signature: _____

Seal: _____

Assessment Parameter: 13.5.1

Quality certification of the quoted products:

Tender Item no	Name of Equipment	Make	Model	Certificate (FDA/CE(MDD)/JIS)

Assessment Parameter: 13.6.1

Details about Exclusive Rights of the product represented in Pakistan:

Tender Item no	Name of Equipment	Manufacture /Origin	Number of years for exclusive rights

Signature: _____

Seal: _____

Assessment Parameter: 13.6.1

Submission of Documents:

Original Brochure:

Tender Item no	Name of Product	Original Brochure

Copy of NTN certificate: _____
Copy of Sale Tax Certificate: _____
Copy of Professional Tax Certificate: _____
Copy of Chamber of Commerce registration Certificate: _____
Copy of PNRA registration Certificate: _____

Note:

Bidders can provide details information on extra sheets by separating them with the uses of annexure.

Name: _____
Designation: _____
Signature: _____
Name of firm: _____
Stamp of firm: _____

13. BID FORM AND PRICE SCHEDULE

Date: _____
Tender No. _____

To: [Name and address of Procuring Agency]

Gentlemen and/or Ladies:

Having examined the Bidding Documents including addenda nos: [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer the supply and deliver [description of goods and services] in conformity with the said Bidding Documents for the sum of [Total Bid Amount in words and figures], or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our bid is accepted, we will obtain a guarantee of a bank in the sum of equivalent to _____ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to abide by this bid for a period of [number] days from the date fixed for bid opening as per bid terms and condition, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent gratuity	Amount and Currency	Purpose of commission or gratuity
_____	_____	_____
_____	_____	_____

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of, _____ 2017

Signature : _____

(In the capacity of: _____

Duly authorized to sign bid for and on behalf of. _____

14. BID SECURITY FORM

Whereas [name of bidder] (hereinafter called the Bidder") has submitted its bid dated [date of submission of bid] for the supply of [name and /or description of goods] (hereinafter called the bid").

KNOW ALL PEOPLE by these presets that we [name of bank] of [name of country], having our registered office at [address of bank] (hereinafter called "the bank"), are bound unto [name of procuring agency] (hereinafter called "The procuring agency") in the sum of for which payment well and truly to be made to said procuring agency, the bank binds itself, its successors and assigns by these presents. Sealed with the common seal of the said bank this _____ day of _____, 20_____.

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form;
Or
2. If the bidder, having been notified of the acceptance of its bid by the procuring agency during the period of bid validity;
3. Fails or refuses to execute the contract form, if required; or
4. Fails or refuses to furnish the performance security, in accordance with the instruction to bidders.

We undertake to pay to the procuring agency up to the above amount upon receipt of its first written demand, without the procuring agency having to substantiate its demand, provided that in its demand the procuring agency will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including twenty eight (28) days after the period of bid validity, and any demand in respect thereof should reach the bank not later than the above date.

[Signature of bank]

15. CONTRACT FORM

THIS AGREEMENT made at _____ day of 20_____ between [name of procuring agency] of [country of procuring agency] (hereinafter referred to as the "Procuring Agency") of the one Part; and [name of supplier] of [city and country of supplier] (hereinafter called the "Supplier") of the other Part

WHEREAS the Procuring Agency invited bids for certain goods and ancillary services, viz [brief description of goods and service] and has accepted the bid by the Supplier for the supply of those goods and service in the sum of [contract price in words and figures] (hereinafter called "the contract price").

Now This Contract Witnessed As Follows:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to :
2. The following documents shall be deemed to form and be read and construed as part of this agreement , viz :-
 - a. The Bid form and Price Schedule submitted by the Bidder,
 - b. The Schedule of Requirements;
 - c. The Technical Specifications;
 - d. The terms and Conditions of Contract
 - e. The Procuring Agency's Notification of Award;
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the time and in the manner prescribed by this Contract.

IN WITNESS, Whereof the Parties hereto has caused this agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____
(For the procuring agency)

Signed, sealed, delivered by _____ the _____
(For the supplier)

16. PERFORMANCE SECURITY FORM

To: [Name of the Procuring Agency]

Whereas [Name of Supplier] (hereinafter called "the Supplier") has undertaken in pursuance of Contract No. [Number] dated [date] to supply [description of goods] (hereinafter called "the Contract").

And whereas it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

And whereas we have agreed to give the Supplier a Guarantee:

Therefore we hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [Amount of the Guarantee in Words and Figures] and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [Amount of Guarantee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____, 20_____

Signature and Seal of the Guarantors/Bank: _____

[Name of bank or financial institution] _____

[Address] _____

[Date] _____

17. MANUFACTURER'S AUTHORIZATION FORM

To: [name of Procuring Agency]
[Tender no.]

WHEREAS [name of the Manufacturer] who are established and reputable Manufacturers of [name and/or description of the goods] having factories at [address of factory]

Do hereby authorize [name and address of Supplier/ Agent] to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. [Reference of the Invitation to Bid] for the goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letter head of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

Annexure "D"

Tender Item No.	Name of Equipment	Name of Manufacturer	Delivery in weeks

Signature & seal (bidder): _____

18. Schedule of Requirement

SPECIFICATIONS

Schedule of Medical Equipments/Instruments for THQ Hospital to the Level of DHQ Hospital Jamshoro @ Kotri for the
Financial Year 2017-18 Under ADP Scheme No. 733

Item Name	KOTRI @ JAMSHORO	C.I.F PRICE		F.O.R PRICE	
	QTY.	Unit Price	Total Price	Unit Price	Total Price
Cassettes with Screen various sized					
Cassettes with Screen various sized					
1 <u>08x10"</u> Warranty period shall be of three years starting from date of supply of equipment to the Consignee End Country of origin should be UK/USA/ EEC./Japan	9				
2 <u>10x12"</u> Warranty period shall be of three years starting from date of supply of equipment to the Consignee End Country of origin should be UK/USA/ EEC./Japan	9				
3 <u>12x15"</u> Warranty period shall be of three years starting from date of supply of equipment to the Consignee End Country of origin should be UK/USA/ EEC./Japan	9				
4 <u>14x17"</u> Warranty period shall be of three years starting from date of supply of equipment to the Consignee End Country of origin should be UK/USA/ EEC./Japan	9				
Mobile X-Ray Machine 100mA complete set with all standard accessories for its installation and commissioning:					

5	Mobile X-Ray Machine 100mA complete set with all standard accessories for its installation and commissioning;	1				
	High frequency X-Ray inverter type Generator					
	Having output power of 4kW or more					
	X-Ray tube 50 KHU or more					
	KVP range: 40-110kV or more					
	MA Range: 25-100mA or better,					
	mAS range: 1.0-200mAs or better					
Centering light indicator						
	Standard power supply cable, standard x-ray exposure switch cable, Vertical movement of the arm to lower or raise the tube collimator assembly, Rotation of the Collimator with reference to the power module (+/- 90deg) or better. Or equivalent					
	Country of origin should be UK/USA/ EEC./Japan					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
6	X-Ray Illuminator	39				
	X-Ray Illuminator					
	Illuminator for viewing of x-ray film					
	Size: 8x10 ~ 14x17"					
	Single view acrylic sheet of 2mm.					
	Fluent tube light with heavy duty switch.					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
Local / Imported						

	<p>Digital Color Doppler Ultrasound System for whole Body</p> <p>Digital Color Doppler Ultrasound System for whole Body</p> <p>Original Trolley mounted Fully Digital multi beam former 128 or more physical channels. Fast image processor and at least three active connectors.</p> <p>Gray shades 256 gray shades or better.</p> <p>Image depth: Image depth: 30 cm or more.</p> <p>Monitor: 15" or more high resolution, Non flicker TFT/LCD/LED. 7" inch or more touch command screen.</p>					
7	<p>Imaging modes: B mode (2 D), Color flow mapping, M mode, Doppler Audio, PW must be continuously steerable, Power Doppler Imaging (PDI) Tissue harmonics, Compound imaging, Trapezoid imaging, Beam steering etc 3D/4D upgrade possibilities.</p> <p>Data management facility & measurements package: Digital acquisition, storage and preview of complete Ultrasound studies including static and dynamic clips, studies can be review and output to CD/DVD. Integrated internal hard disk (320GB) and CD/DVD writer/reader and USB storage memory. Comprehensive measurements package for general ultrasound color Doppler and echocardiography.</p> <p>Convex probe Multi frequency between 2~6 MHz or better</p> <p>Linear probe Multi frequency between 5~10 MHz or better</p> <p>Endo cavity probe between 5~10 MHz or better</p> <p>Choice upto 4 transducers</p> <p>B- Mode imaging</p>	1				

<p>Advance Color Doppler. Black & White digital Ultrasound printer. Sine wave on line UPS</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>					
<p>Hot Air Oven</p>					
<p><u>Hot Air Oven</u></p>					
<p>Hot Air Ovens for general purposes applications with double wall and fresh air inlet.</p>					
<p>Microprocessor Control</p>					
<p>LED digital display for monitoring</p>					
<p>8 Automatic over-temperature safety device</p>		1			
<p>Digital timer. 99 Hrs. 59 Min.</p>					
<p>Temperature: more than 225deg.</p>					
<p>Capacity: 75 liter or more.</p>					
<p>Complete with shelves.</p>					
<p>Country of origin should be UK/USA/ EEC./Japan</p>					
<p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>					
<p>Centrifuge machine 24 head</p>					
<p><u>Centrifuge machine 24 head</u></p>					
<p>Complete with 24-place angle rotor.</p>					

9	Microprocessor-controlled.	2				
	Head: 24 nos.					
	Max. RPM: 12000 or more					
	Noise level: less than 55 DBA					
	Timer LED digital, 99 min LED					
	Brake					
	Locking latch					
	Safety shutout					
Country of origin should be UK/USA/ EEC./Japan						
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End						
10	Ultrasonic water bath	5				
	Ultrasonic water bath					
	Built in Stirrer					
	Microprocessor Control					
	Volume 22 LTR or More					
	Uniformity: 5C					
	Heater: 1 KW					
	Thermoter readout					
	Temp Controller					
	Country of origin should be UK/USA/ EEC./Japan					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					

11	Dressing set	40				
	Dressing set					
	Forceps, dissecting, Straight, 1/2 teeth, 130 mm x 2					
	Forceps, sinus, 180mm x 1					
	Forceps, Dissecting, Straight, Plain, 115 mm x 1					
	Forceps, Sponge holding, 200mm x 1					
	Scissors, Mayo, Straight, 150mm x1					
	Scissors, dressing, Straight, 165mm x 1					
	Scissors, ligature, spencer, 130mm x 1					
	Bowls, lotion, s/s, 5 liter x 1					
	Bowl lotion, s/s, 0.2 liter x 2					
	Kidney Dish, 24cm x 2					
	Instrument container, s/s with cover, 300x200x50mm x 1					
	Made from imported stainless steel, Rust resistant and stain finish					
	Must be CE Marked Product/ Export Quality					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
Anesthesia Machine with built in Ventilator	Anesthesia Machine with built in Ventilator					
	Anesthesia Machine with built in Ventilator					
	Three gases machine with two-station Selectec backbar					
	Two cylinder yokes or more					
	Oxygen flush system					
	Breathing System should have ACGO as a standard feature					

	Breathing system should have integrated heating system for reduced condensation and breathing system should be fully autoclavable				
	Top shelf				
	2 or 3 Drawer unit				
	four Casters (front wheels braked)				
	Fully Electronic Flow meter for O2 Air, N2O with Display				
	Autoclavable CO2 absorber 1.5 liter or more				
	Ventilation modes: all standard pressure & volume modes should be available				
12	Display: Screen Size should 12" Inch or more TFT color Touch Screen	4			
	Monitoring : Peep, minute volume, tidal volume, Breath rate, Fio2				
	Tidal volume (VT): 20 to 1000 ml or more				
	Inspiratory flow: From 5 to 70 L/min				
	Inspiratory time: From 0.2 Sec to 05 Seconds				
	Flow Sensitivity: From 1 to 15 L/min				
	Pressure control: 10 to 50 cmH2 O				
	Pressure control: 10 to 50 cmH2 O				
	Trigger: 01 to 15L/min				
	Trigger window: 60 % of expiratory time				
	Alarms: Gas Failure, High & low Airway Pressure, Saturation (Fio2), Apnoea, Low Battery				

	<p>2~4 hours battery back up</p> <p>Includes standard accessories:</p> <p>Anesthesia Breathing circuit reusable with bag (peads & adult)</p> <p>Selectatec Vaporizer QTY:01 as Standard (Isoflourane)</p> <p>Circuit support arm</p> <p>ACGO should be optional</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>					
13	<p>Instrument Trolley</p> <p>Instrument Trolley</p> <p>Stainless steel trolley with plastic drawer internally divided in 4 sectors. 2 shelves with up stands on four sides. Revolving rubber castors Ø 80 mm (two with brake)</p> <p>Made from imported stainless steel, Rust resistant and Satin finish</p> <p>Export Quality Material</p> <p>Must be CE Marked Product/ Export Quality</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	37				
	<p>Infusion Pump</p> <p>Infusion Pump</p> <p>Volumetric peristaltic infusion pump.</p> <p>Flow rate 0.1 to 99.9 ml/h.</p>					

14	<p>Unit compatible with most IV set.</p> <p>Memory function incase of power failure to retain the most recent flow rate & total volume.</p> <p>Comprehensive alarm for Air in line, occlusion, door open, low battery, infusion complete, empty container.</p> <p>Built in battery charger.</p> <p>Unit complete with IV sets.</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	5				
15	<p>Cardiac Monitor Multi Function</p> <p>Cardiac Monitor Multi Function</p> <p>05 Parameters Monitor with 12 inches or more, color TFT screen with touch screen</p> <p>Built in ECG</p> <p>NIBP</p> <p>Respiration</p> <p>Temperature</p> <p>And SpO2 measurement with all standard accessories including reusable SpO2 probe.</p> <p>Trends:</p> <p>72 hours or more</p> <p>Battery: 3 hours backup or more</p> <p>System output:</p> <p>Ethernet Network: 1 standard RJ45 socket</p> <p>Defibrillation output: 1BNC connector</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	27				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Dental chair with all accessories				
	Dental chair with all accessories				
	3 hand-piece positions, Stainless steel instrument tray, Automatic adjustment for seat and backrest, Automatic zero position and three work positions, Multi-articulating headrest, swivel right armrest, Anatomic backrest, One 3-way syringe for doctor				
	3-Aseptic easy clean, tubing's and fittings for the hand pieces, Air operated foot switch.				
	X-Ray Viewer, Switch buttons with joystick drive, Seamless upholstery coat, Calibri system (Continental), Counterbalance flex arm with pneumatic lock, Articulated tray holder, Borden or Midwest connection, X-Ray viewer				
16	Cuspidor: Swivel at 90°, Cuspidor bowl in translucent color, cup filler with push button	2			
	Detachable water sticks, 2 saliva ejectors Venture (low & high)				
	LIGHT: 12V, 55W, 4500°K day light for perfect, Matching of colors, up, down, back, forward and inverse movement of the light head. Light intensity low: 16000 lux				
	Light intensity high: 24000 lux, On/Off switch at chairs base, Light head made of polyester				
	Dentist Stool: Operating stool with adjustable height, Gas spring operated, Revolving on 5 castors, one with back support				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Dental Instrument Set				
	Dental Instrument Set				
	Probe, Mouth mirror and Forceps				
17	Made from imported stainless steel, Rust resistant and Satin finish	16			

	Must be CE Marked Product/ Export Quality				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
18	Dental X-Ray	1			
	Dental X-Ray				
	Dental X-Ray Machine 8mA complete set with all standard accessories for its installation and commissioning:				
	Output rating: 8mA/70 kvp. Time selection: 0.05-0.6 sec, 0.25-3.2 sec. X-ray tube: Stationary anode tube. Focal range: 0.7x0.7mm. Aluminum equivalent: 2.5 mmAL. Supply power allowance: +/- 10% Electric power: 110 or 220 VAC, 50/60 Hz				
	Length: 1800 mm				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
Slit Lamp					
Slit Lamp					
Stereoscopic converging binocular microscope.					

19	<p>3 Step magnifications changing by rotating drum. Long life and power-saving LED illumination. Superior function and compact design. Joy stick device, Easy coarse and fine adjustment for vertical and lateral movement of main body by one hand. Microscope Magnification 10X, 16X, 25X. Eye piece 12.5X. Diopter adjustment: -5D ~ +3D. Total magnification. Field of view: 10X (Æ22.5mm), 15.98X (Æ14.1mm), 25.53X (Æ8.8mm) Slit Illumination Light source: LED (Light Emitting Diode) Aperture diameter: Continuous from 1 to 14, Æ0.3, 1, 5, 10, 14mm. Slit width Continuous from 0 to 14mm. Slit length Continuous from 1 to 14mm. Slit angle 0° to 180°. Filters Blue, Red-free. Primary input: AC 120/220 50-60Hz.</p>	2				
Country of origin should be UK/USA/ EEC./Japan						
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End						
20	<p>Ophthalmoscope</p> <p><u>Ophthalmoscope</u></p> <p>Lens range: 0D + 1D – 10 / 15 / 20 / 40 D:</p> <p>Aperture: Large aperture, small aperture, micro aperture, slit aperture, cobalt blue aperture & fixation aperture.</p> <p>Filter: red free filter / Polarizing filter.</p> <p>Operation mode: Intermittent, On-time should not exceed to 2 min with off-time not less than 5 mins.</p> <p>Includes: Desktop charger & rechargeable handle.</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	1				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
21	Split Air condition 1.5 Ton (Energy Sever)	22			
	Split Air condition 1.5 Ton (Energy Sever)				
	Compete with Instalation at site				
	Haire /dowlance/LG/Orient/Equivalent				
	Must be CE Marked Product/ Export Quality				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
22	Auto Fine Lumen Cleaner	1			
	Auto Fine Lumen Cleaner				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Autoclave				
	Autoclave				
	40 liters or more				
	manual control system				
	Eco friendly and economically design with over temperature pressure & elec				

23	<p>Over load protection with emergency exhaust switch with low water buzzer with over heat/temp indication light chamber</p> <p>Temperature upto 121°C</p> <p>Digital PID Controller with Timer and Tuning</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	1				
24	<p>Autoclave Double Steam Generated Single Door 80 to 100 Ltr (CSSD) with Accessories & Printer.</p> <p>Autoclave Double Steam Generated Single Door 80 to 100 Ltr (CSSD) with Accessories & Printer.</p> <p>Autoclave 80-100 Liters</p> <p>Autoclave, laboratory, vertical</p> <p>Temperature range variable up to 140c</p> <p>Pressure variable up to 2.2 bar</p> <p>Safety valve set at 2.4 bar</p> <p>Stainless steel chamber, minimum dimension 600mm high, 450mm diameter, minimum 10 swg, argon arc welded to bs 1515 part</p> <p>Door with self-sealing 'o' ring gasket.</p> <p>Door secured by high tensile steel bolts or single action closure.</p> <p>Capacity bolt operating system to ensure pressure release on opening or in mains failure.</p> <p>Safety interlock</p> <p>Steam supply from integral steam generator.</p>	1				

<p>Low water cut out.</p> <p>Downward displacement system.</p> <p>Automatic air and condensate exhaust.</p> <p>Drain line fitted with thermocouple; cycle timer does not.</p> <p>Start until set equilibrium reached options and accessories:-</p> <p>Stainless steel baskets</p> <p>Discard container</p> <p>Temperature control and indicating unit.</p>					
<p>Exhaust condenser</p> <p>Spare gaskets.</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>					
<p>Autoclave Steam Generated Double Door 200 to 300 (CSSD), 2 Trolley & Complete Accessoires, including printer and Micro Computer</p> <p>Autoclave Steam Generated Double Door 200 to 300 (CSSD), 2 Trolley & Complete Accessoires, including printer and Micro Computer</p> <p>Autoclave 200-300 Liters</p> <p>Microprocessor controlled, automatic steam sterilizer with integrated steam generator</p> <p>Double Door sliding version.</p> <p>Recessed model.</p>					

	Pneumatically/power controlled door with automatic door locking device.				
	External compressor unit to provide compressed air for locking device.				
	External compressor unit to provide compressed air for sterilizers if the unit is Pneumatically controlled.				
	Unit to be provided with booster pump if necessary to compensate existing water pressure at 300 to 500 kPa. Programmable facility.				
	Modular construction including stainless steel panel and service doors.				
25	Double jacketed chamber	1			
	Should be made of high quality stainless steel at least of AIS304 standard.				
	Efficient vacuum system.				
	Air detector and leak rate testing device.				
	Microprocessor controlled self-diagnostic system.				
	Should be provided with safety alarms and assured with safety environment.				
	Shall come with chart recorder for pressure and temperature.				
	Accessories:- Each unit should come with standard accessories of carriage or chamber rail or rack for loading and unloading of material from/into the sterilizer from loading trolley.				

	<p>A total of 24 modular wire basket for packs sterilizing. Wire basket made of stainless steel and electro polished. Stackable.</p> <p>To provide compatible water softener /de-ioniser power requirement.</p> <p>Operate at 330 VAC+/- 10% 3 phase power safety features.</p> <p>Compliance to IEC 601-1 or BS standard for sterilizers.</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>					
26	<p>Laryngoscope</p> <p>Laryngoscope</p> <p>fiber optic laryngoscope with blades and halogen light source in the handle</p> <p>sterilizable with re-chargeable batteries.</p>	5				
	<p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>					
	<p>Disinfection Instrument Washer Double Door</p> <p>Disinfection Instrument Washer Double Door</p>					

27	<p>Fully automatic operation. From prewash, wash, rinse to dry. High class quality stainless material Transparent glass with lighting, easy to check. Chamber size: W520×D530×H600 mm, 165 LITERS Spray: 3 rotational cleaning arms with water spray nozzle. Dry stage: drying temperature 121°C and keep 85min for sterilizing. Standard accessory: 2 Stainless steel racks for instruments</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	2				
28	<p>Dry Cabinet Single Door for Anesthesia</p> <p>Dry Cabinet Single Door for Anesthesia</p> <p>Made from Imported Stainless Steel, Rush Resistant and satin finish</p> <p>Local Manufacturers only can Participate directly</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	1				
	<p>Bio Chemistry Analyzer</p> <p>Bio Chemistry Analyzer</p> <p>Automated clinical chemistry analyzer having several different analysis modes including Absorbance, 1 point end, 2 point end, 1 point rate, 2 point rate and Kinetic, immunoturbimetric assay.</p> <p>Random access with reusable plastic or pyrex cuvettes with throughput 100 or more tests per hour, maximum filling reagent capacity.</p>					

29	<p>Should be built in inventory management system automatically tests and reports. Optical design user-selected monochromatic or dichromatic results. 8 wavelengths ranging from 340-700nm; 340,405,505,546,630 nm + Two Optional.Linear ranges-0.2-3.0A</p> <p>Must have 120 or more programmable tests.</p> <p>Reaction Volume: 250 µl , Long life IAD filters</p> <p>Sample type: Serum, plasma,</p> <p>Sample Volume: 3-30 µl</p> <p>Reagent position :maximum 37; dilution predilution,dispensing single or multiple</p> <p>Maximum number of reaction 40</p> <p>Reaction time: Max 15 min</p> <p>Should be with PC & Laser printer</p> <p>OR EQUIVALENT</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	1				
	<p>Over Head OT Top Light</p> <p>Over Head OT Top Light</p> <p>with all Standard Accessories</p> <p>High performance LED illumination for every type of surgery</p> <p>Cold Light</p> <p>White Light</p> <p>Excellent contrast in the operating field</p> <p>Shadows reduction in the surgical field and total illumination of the surface and at depth –</p> <p>Frequency 50/60 Hz</p>					

30	Light source technical data	3				
	Light Source : LEDs					
	Average life : 40,000 hrs or more					
	Lighting at the centre, Ec @ 100cm					
	Diameter of operating field Min 200mm/Max 350mm					
	Illumination Minimum 2 x140,000 lux @ 1 meter-					
	Total Lux @ 280000 or more					
	Color temperature, CCT 4,200° K ± 2%					
	Color rendering index, Ra 95±1					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
	Country of origin should be UK/USA/ EEC./Japan					
	Instrument Cleaner Supersonic		1			
Instrument Cleaner Supersonic						
Instrument Cleaner Super Sonic						
Ultrasonic Frequency 40,000 Hz						
Tank Material Stainless Steel SUS304						
Tank Capacity 600 ml						
31	Timer 180S, 360S , Digital timer	1				
Power 35 W						
Unit Size 175 x 110 x 155 mm (L x W x H)						
Tank Size 150 x 85 x 65 mm (L x W x H)						
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End						
Country of origin should be UK/USA/ EEC./Japan						
Nebulizer Machine Ultrasonic Heavy Duty						
Nebulizer Machine Ultrasonic Heavy Duty						

32	<p>Ultrasonic Energy for uniform and highly dense particles of 1-5 microns size</p> <p>Filtration rate of at least 95% of 0.3 micron or larger dust particles to provide purified air for aerosol</p> <p>Autoclaveable delivery pipes.</p> <p>Mobile stand with solution bottles for safety.</p> <p>Nebulizing rate of 4 ml / min with particle Appr. Size of 1-5 microns.</p> <p>Nebulizer time setting from 0-30 mins.</p> <p>Medication cup capacity: 150ml</p> <p>Power 220 Volts / 50 Hz with rechargeable battery operation</p> <p>One extra flexible arm / delivery pipe.</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	7				
33	<p>Phaco Machine</p> <p><u>Phaco Machine</u></p> <p>Peristaltic pump, Realistic venturi effect. Cool Phaco technology. Micro Incision Cataract Surgery (MICS). Dual linear foot switch. Widest range of MICS instruments, 20 gauge forceps and scissors. Auto Self-Test and tuning. Mini Mega ultrasonic Tip. Separate control for Vacuum and Flow rate.</p> <p>Cool Phaco: Frequency: 27 – 55 kHz, Pulsation: Cool flash technology</p> <p>Aspiration: Flow rate: 1 – 50 ml, Vacuum: 1 – 550 mmHg</p>	1				

	<p>Vitrectomy:Pneumatic, nominal pressure: 1.4 bar (20 PSI), Stroke: 10 – imp/min</p> <p>Diathermy:Power: 0 – 15W at 125 Ohms, Frequency: 1.5 MHz, Pulsation: 3 Hz</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>					
34	<p>Refrigerator</p> <p><u>Refrigerator</u></p> <p>Haire /dowlance/LG/Orient/Equivalent</p> <p>CE Marked / Export Quality</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	7				
35	<p>Retinoscope</p> <p><u>Retinoscope</u></p> <p>Rotation: ≥190 degree</p> <p>Length of streak image: ≥30mm</p> <p>Width of Length image: ≥1.5mm</p> <p>Operation mode: Intermittent, On-time should not exceed to 2 min with off-time not less than 5 mins</p> <p>Includes: Desktop charger & rechargeable handle.</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	4				

	Country of origin should be UK/USA/ EEC./Japan				
36	Water Distillatory deionizer complete	1			
	<u>Water Distillatory deionizer complete</u>				
	Unit to be wall or bench mounted and produce pure water with a conductivity of 1 µs/cm with a flow of 100 liters per hour.				
	Maximum input pressure 4 bar.				
	To be supplied with 12 spare disposable cartridges				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Country of origin should be UK/USA/ EEC./Japan				
37	ABG Machine / Arterial Blood Gases	1			
	ABG Machine / Arterial Blood Gases				
	Type : Parameter				
	pH : pH				
	Blood gases: pCO ₂ , pO ₂				
	Electrolytes: K ⁺ , NA ⁺ ,Cl				
	Hematocrit: Hct				
	Shelve life of solution: 3-4 month				
	Pouch volume: -440ml				
	Flucuid cycles: 230				
	Storage temperture:12-12*/54-77°F				
Full visual graphic array (VGA)					
Full active thin transistor (TFT)					

	<p>Resistive Touch Screen</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>				
38	<p>Centrifuge Machine 12 head</p> <p>Centrifuge Machine 12 head</p> <p>Complete with 12-place angle rotor.</p> <p>Microprocessor-controlled with LCD Display</p> <p>Head: 12 nos</p> <p>Noise Level under 16dBA @ Maximum Speed</p> <p>Maximum Speed: 5000RPM</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	5			
	<p>Electrolyte Analyzer</p> <p>Electrolyte Analyzer</p> <p>Sample: Whole Blood, Serum, Plasma,</p> <p>Sample Size: 60µl Whole Blood, Serum or Plasma, Electrode solution can be refill</p> <p>60µl capillary sample</p> <p>Detection Range, Blood, Na+: 20 - 200mmol/l K+:0.2-40mmol/L, Cl-:25-200mmol/L</p>				

39	<p>Analysis Time, 60 sec (Blood), Data Storage 200 patient results, 270 normal QC results, Reproducibility Typical within run (n=20), Blood, Serum, Plasma, Na+:CV≤1%(80-200 mmol/L), K+:CV≤2%(1-10 mmol/L), Cl-:CV≤2%(80-200 mmol/L)</p> <p>Output : TOUCH SCREEN led GRAPHIC display, 40 column printer, Serial Port (RS-232), Auto Sampler port</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	1				
	<p>Electronic Balance</p> <p>Electronic Balance</p> <p>Capacity & Resolution: 400g x 0.01g</p> <p>Percentage: Resolution: 0.01/ 0.1 / 1%</p> <p>Stabilization Time: 2 sec, Typically</p> <p>Sensitivity drift: (10 ppm/°c (10°c-30°c)</p>					
40	<p>Linearity: +/-0.02 g</p> <p>Repeatability/st D.Dev:0.01g</p> <p>Display Refresh: 5 or 10 times</p> <p>Operating temperature: +5°c-40 rh less than 85% no condensation</p> <p>Should be CE Approved / Export Quality</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	1				

41	Incubator	2				
	<u>Incubator</u>					
	Microprocessor Control. Temperature control.					
	Liter: 100 or more					
	Temperature Range: 10 Above ambient to 75					
	Uniformity: at 37°C (± C) : ± 1.0					
	Heating up time to 37°C (min) : 40					
	number of shelves 02					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
Country of origin should be UK/USA/ EEC./Japan						
42	Auto Refractometer	1				
	<u>Auto Refractometer</u>					
	Rotatory Prism Technology					
	Simultaneous display of right/left					
	CPU for measurements					
	Built in thermal printer					
	Various interfaces with optional computerized lens meter and Computerized vision testers.					
Range: 0° to 180°						

	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	A/B SCAN				
	AB Sun / AB Scan				
	Large Touch screen operation with high-resolution backlit color LCD.				
	Complete measurement and calculation record within seconds .				
	Capture mode automatic and manual.				
	Ability to store up to five different user profiles.				
	USB for EMR archiving, SD disk for patient data storage.				
	A-Scan 10mm Calibration cylinder.				
	10 Lens Database.				
	Portable and compact weighing, Built in thermal printer.				
	Spring loaded Soft touch probes.				
43	A-probe frequency: 10 MHz.	1			
	Measurements: ACD, Lens, Vitreous, Axial, Standard				
	Deviation, Individual Zone Velocity.Examination modes: Direct contact,Immersion,				
	Dense cataract, Aphakic, Pseudophakic, 4- GateManual.				

	<p>IOL programs: Regression II, Theoretic T, Binkhorst, Holladay, Hoffer Q, Haigis. Post refractive formulas: Latkany Myopic Regression and Arambersi Double-K. Measurements limits: AXL-18-45.</p> <p>Clinical accuracy: ± 0.10mm. Electrical accuracy: ± 0.023mm</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>				
44	<p>Blood Bag Rotator</p> <p>Blood Bag Rotator</p> <p>3D rotation, with 5-40r/min speed. Rotating angle 20°. Max bearing capacity : 0.8kg</p> <p>Adjustable low & high flow alarms;(10-990ml) up to 1000 donation can be stored.</p> <p>Automatic Clamp of tubing at the end of donations</p>	4			
	<p>RS 232 cable for barcode reader or Equivalent</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>				
	<p>Oxygen Cylinder with Flow Meter</p> <p>Oxygen Cylinder with Flow Meter</p> <p>BOC Tested 48 cft oxygen cylinder with Flow meter. Regulator</p> <p>Flowmeter</p>				

45	<p>0-15l/min</p> <p>With BS probe</p> <p>Should be CE Approved / Export Quality</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	153				
46	<p>Electric water cooler</p> <p>Electric water cooler</p> <p>complete with installation site</p> <p>Local /Imported</p> <p>Should be CE Approved / Export Quality</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	8				
	<p>Incinerator</p> <p>Incinerator</p> <p>Capacity 30-40 Kg / hour Solid Waste</p> <p>COMBUSTION CHAMBER:</p> <p>Horizontal cylindrical design</p> <p>Inner surface carried out with first-rate refractory material , high-temperature proof</p> <p>Combustion chamber volume: 5,3 approximately;</p>					

<p>1No. Loading door set on the frontal edge of the burning chamber, having a whole section crossing, suitable to load the Hospital waste material and to unload the ashes</p>
<p>Burner capacity (under full power): 30-40 kg/h approximately</p>
<p>Operating temperature: 700-900°C</p>
<p>Standard color : black – red</p>
<p>POST-COMBUSTION CHAMBER</p>
<p>Post-combustion oven, pyrolytic working with planned combustion, structured so that the gas generated due to the incineration process will be kept even in the worst condition, to a temperature of >850°C/1100°C</p>
<p>Design: horizontal or vertical cylindrical</p>
<p>Inner covering: carried out with first-rate refractory material, high temperature proof</p>
<p>1 No. inspection door on whole section, similar to the one on duty of the incineration chamber, covered with refractory material, rotating on hinges, to make easier any further inspection and the planned maintenance.</p>
<p>Free oxygen content: >6%</p>
<p>Rate gas: >10 m/s.</p>
<p>Time contact gas: >2s</p>
<p>Working temperature: 1000/1100°C</p>
<p>Standard color : black - red</p>

COMBURENT AIR SYSTEM

The comburent air system is fitted with an centrifugal fan and a steel pipeline, provided with shutters for its regulation. The comburent air supply system will provide the post-combustion chamber with the right quantity of preheated air, necessary to pyrolytic combustion.

COMBUSTION SYSTEM

Combustion installation composed of:

N.1 diesel automatic burner marked CE.

N.1 diesel supply burner marked CE.

The oven is provided with a supply burner which turns on automatically when the temperature of the gas combustion, after the last air combustion injection, falls under the target temperature of 850 °C or 1.100 °C. The burner is used as well during the start and stop system operations, this is to guarantee a regular temperature of 850 °C or 1.100°C during these operations and as long as the waste material remains in the combustion chamber.

47

1

All burners have a non-stop ventilation system, to avoid damages to stoke wholes, openings), and to the deflector group, caused by high working temperatures they are exposed, when reached the fixed limit they go on stand-by. Burners are also provided with instruments for the pyrometric temperature check, to keep automatically the incineration oven and the post-combustion chamber to the fixed planned temperatures.

CHIMNEY

Next to fumes exit will be placed a chimney having the following features:

Chimney Made of Stainless Steel 8m from Ground. The building will be fully covered with refractory non-conductive material having a low heat transmittance coefficient. On demand it will be built in stainless steel AISI 304.

Cylindrical shape

Fumes dissipator put on its top to accelerate the way out and to lift the fumes up in the atmosphere

Standard color : black – red

ELECTRIC SWITCHBOARD FOR COMBUSTION

The incineration system has an electric switchboard controlling all the electric equipments, switches, warning lights etc. The system is also provided with two temperature regulators which have digital showings, suitable to keep the oven at a planned regular temperature. (one for combustion chamber and one for post-combustion chamber) The control panel is commanded by microprocessor equipment It will be delivered and installed a timer for the incineration cycle. Power: 380/415 V 50 Hz - Installed electrical power: 5 kw

Second Burner in Combustion Chamber

Incineration chamber volume :0.55 m³

Max Burner Capacity :30-40 Kg/h

Loading capacity : 50Kg/cycle

Max thermal destructive capacity :73500 kcal/h

Operation Time: 08-12-2016 h					
Operating temperature (combustion chamber) :700/900 °C					
Insulator Type Caldegun or similar					
Refractory : Type Phlox or similar (high % Al2O3)					
Centrifugal fan :mc/h					
Free oxygen content (in post combustion chamber) :6 %					
Rate gas (in post combustion chamber) :10 m/s					
Time contact gas (in post combustion chamber) :2 sec					
Installed electrical power :5 kw					
Fumes exit :8 m					
Country of origin should be UK/USA/ EEC./Japan					
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
Microtome					
Microtome					

	<p>Precision micrometer feed mechanism with a 'mono block' system. Ergonomic microtome design safety locking device to lock the hand wheel. Section counter with reset. Front or lateral coarse feed. Patented knife carrier system. Micrometer mechanism and coarse feed system in an enclosed housing vertical specimen movement on backlash and maintenance-free cross roller bearings. Trimming Automatic</p>					
48	<p>Specimen Movement Vertical, retraction in return stroke Section Feed 0.5-60 um</p>	1				
	<p>Feed time for 2um 0.5um</p>					
	<p>Feed time for 10um 1um</p>					
	<p>Feed time for 20um 2um</p>					
	<p>Max Horizontal range 28mm</p>					
	<p>Vertical stroke 64mm</p>					
	<p>Capacity 1100 ml</p>					
	<p>Country of origin should be UK/USA/ EEC./Japan</p>					
	<p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>					
	<p>Fresh plasma separator</p>					
	<p><u>Fresh plasma separator</u></p>					
	<p>Self-loading pumps, auto priming advance optical sensors and easy to read display.</p>					
	<p>Safety feature for redundant air detectors, fluid sensor. System should be capable of built in wireless communication. Wi-Fi, Ethernet or RS 485;</p>					

49	<p>Automatic air removal system; up to 5 scales;</p> <p>16 or more pre-loaded procedures; Flow regulator with high precision optical sensor.</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	2				
50	<p>Blood Sample rotator</p> <p><u>Blood Sample rotator</u></p> <p>3ml to 10ml test tubes more than 6 tubes capacity variable speed more than 20° angle</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	2				
51	<p>Blood bag sealer</p> <p><u>Blood bag sealer</u></p> <p>Automatic sealing operation.high grade metal electrodes for perfect sealing</p> <p>Removable caps; Audible beep & LED signal indicate dirty Electrodes,sparking or over heating.</p> <p>LED indicator</p> <p>Country of origin should be UK/USA/ EEC./Japan</p>	3				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
52	Electric Pneumatic Dermater	1			
	<u>Electric Pneumatic Dermater</u>				
	Electric Dermatome complete kit				
	Hand Piece				
	Electric Electric Dematome Supply				
	Autoclave Case				
	Screw Driver with Plates				
	Accessories				
	Dematome Blades Sterile Pack (Bx / 10)				
	Country of origin should be UK/USA/ EEC./Japan				
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
53	Rigid Oesophagoscope	1			
	Rigid Oesophagoscope				
	Esophagoscope large,length 43cm size 6.5mm				
	Eso phagoscope medium,length 30cmsize 4mm				
	Esophagoscope small,length 26cm size 3mm				
	Camera for ultra high sensitive endoscopy CCD technology.complete with light source				
	Country of origin should be UK/USA/ EEC./Japan				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
54	Rigid Bronchoscope	1			
	<u>Rigid Bronchoscope</u>				
	Optical fully integrated rigid bronchoscopes for procedures of bronchial system.				
	Telescope for bronchoscope with integrated optical view.				
	Light Source				
	light guide Cable				
	integrated irrigation channel				
	Foreign body forceps				
	Biopsy Forceps & instruments				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
55	Steamer	6			
	<u>Steamer</u>				
	Portable Steam Sauna				
	With 5-Star Stand				
	With Ozone Lamp				
	Rotatry head				
	Time Contral				
	Must be CE Marked Product/ Export Quality				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
56	Nerve Stimulator	1			
	Nerve Stimulator				
	Combined with NMS-STIM (Neuromuscular stimulation) and ETS (EMG Triggered Stimulation)				
	Lightweight and portable				
	Automatic and manual threshold settings				
	Software for detailed progress tracking				
	Dual channel digital EMG unit				
	Range: 0.2uV to 2000uV				
	Sensitivity: 0.1uV				
	Accuracy: 4% of uV				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
57	Transfer Pump from UGT to OHT	1			
	<u>Transfer Pump from UGT to OHT</u>				
	OR EQUIVALENT				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Tympanometer				
	Tympanometer				

58	Portable Tympanometer with two probes tones 226 for adults and 1000 Hz for infant.	1			
	Reflex screening, Reflex threshold and Reflex decay				
	PC connectivity with software				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
59	Stethoscope	40			
	Stethoscope				
	High quality stethoscope with stainless steel chestpiece, stainless steel double inner spring PVC tubing for unsurpassed acoustic				
	performance. With foam lined box and 2 extra sets of soft eartips. Chestpiece: Ø 45 mm (adult), Ø 35 mm (paediatric).				
	Must be CE Marked Product/ Export Quality				
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
60	Sphygmomanometer	12			
	Sphygmomanometer				
	with fabric cuff with Velcro closure, reliable manometer with clip to be fixed on the cuff.				
	Scale 0-300 mmHg. Air release at closed tap max 4 mm Hg/minute. Manual setting of deflation possible up to 2/3 mm Hg.				
Must be CE Marked Product/ Export Quality					

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
61	Stethoscope sphygmomanometer	24			
	Stethoscope sphygmomanometer				
	High quality stethoscope with stainless steel chestpiece, stainless steel double inner spring PVC tubing for unsurpassed acoustic				
	performance. With foam lined box and 2 extra sets of soft eartips. Chestpiece: Ø 45 mm (adult), Ø 35 mm (paediatric).				
	with fabric cuff with Velcro closure, reliable manometer with clip to be fixed on the cuff.				
	Scale 0-300 mmHg. Air release at closed tap max 4 mm Hg/minute. Manual setting of deflation possible up to 2/3 mm Hg.				
	Must be CE Marked Product/ Export Quality				
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
62	Posterior Vit Ractomy	1			
	Posterior Vit Ractomy				
	set of contat lenses (with concave surface) silicon ring, stainless steel ring with two notches, central fundus lens (plano) biconcave 90D lens 20* prism lens 30* prims lens prismatic biconcave lens, magnifying lens, wide fields lens.				
	Country of origin should be UK/USA/ EEC./Japan				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
63	Lens Meter	2			
	Lens Meter				
	Sensor with 108 multiple measurement points				
	New lens table expanding measurement				
	Range				
	User friendly titable LCD 5.7 inch touch color panel				
	Distortion check				
	Green transmittance measurement.				
Country of origin should be UK/USA/ EEC./Japan					
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
64	Keratometer	1			
	Keratometer				
	Accurate refraction measurement with Large Pupil zone imaging method SLD and highly sensitive CCD				
	VA measurement with glare test				
	Simple capity assessment with retroillumintion image				
	Patient friendly accommodation measurement keartometry measurement with mire ring.				
	Country of origin should be UK/USA/ EEC./Japan				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
65	Television LED	1				
	Television LED					
	32 Inch LED					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
	Must be CE Marked Product/ Export Quality					
66	Telephone Set	50				
	Telephone Set					
	Panasonic/Sony/LG					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
67	Projector Multi Media	1				
	Projector Multi Media					
	Panasonic/Sony/LG					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
68	Computer with monitor complete set	1				
	Computer with LCD complete set					
	Core Si					
	3.3 Ghz optical super combo					
	500 GB HDD					
	4 GB DDR 3 RAM					

	<p>19" LCD Monitor</p> <p>Key Board & Mouse</p> <p>Intel / Dell / Hp</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>				
69	<p>Fax Machine</p> <p>Fax Machine</p> <p>10-ppm Laser Printing (A4)</p> <p>600 x 600 dpi Printing Resolution</p> <p>Caller ID Ready</p> <p>Super G3 Fax with 33.6 kbps Modem</p> <p>250-Sheet Paper Tray</p> <p>HP/Samsung/Sony</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	2			
70	<p>Laser Jet Printer</p> <p>Laser Jet Printer</p> <p>Print Speed:Up to 35 ppm-black normal – letter A Size (8.5 in x 11 in) up to 35 ppm-black normal – A4 Size (8.25 in x 11.7 in)</p> <p>Interface:USB, Gigabit LAN</p> <p>Max Resolution (Max) :1200 dpi</p> <p>Media Sizes:3 in x 5 in, legal (8.5 in x 14 in), letter A size (8.5 in x 11 in), 4.1 in x 5.8 in, 8.5 in x 13 in, A4 (8.25 in x 11.7 in), A5 (5.83 in x 8.25 in), A6 (4.13 in x 5.83 in), B5 (6.93 in x 9.83 in), Executive (7.25 in x 10.5 in), JIS B5 (7.17 in x 10.12 in)</p>	21			

	RAM Installed:128 MB / 128 MB (Max), Monthly Duty Cycle:50000 Pages & Media Size Class:A4 / Legal				
	HP/Samsung/Sony				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
71	Desktop Microscope	1			
	Desktop Microscope				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
72	Dispencer for Scrub Solution	6			
	Dispencer for Scrub Solution				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Must be CE Marked Product/ Export Quality / Local				
	Fracture Distracters				
	Fracture Distracters				
	Large Distractor complete				
	Threaded Rod ø14.0 mm,				
	length 480 mm, for Large Distractor				
	hreaded Rod ø 14.0 mm,				
	length 330 mm, for Large Distractor				
	Nut, knurled, for Large Distractor				
	Large Distractor – Tibia Technique Guide				
	Sliding Carriage with Adjusting Nut,				
	Double Joint, complete,				

73	Holding Sleeve with Wing Screw, length 55 mm, internal diameter 6.0 mm, Holding Sleeve with Wing Screw, length 105 mm, internal diameter 6.0 mm, Drill Sleeve 5.0/3.5, long Drill Sleeve 6.0/5.0, long with thread Instrument Set for Large Distractor in Sterilization Tray Warranty period shall be of three years starting from date of supply of equipment to the Consignee End Must be CE Marked Product/ Export Quality	1				
74	Gastroscope Gastroscope Working Length: 1010mm Outer Dia: 713.8mm Forward/oblique view: Min. 100 complete with Biopsy forceps 2 Nos. Grasping forceps 2 Nos. Inj. Needle 1 No. Channel cleaning brush set. Case and standard maintenance kit Country of origin should be UK/USA/ EEC./Japan	1				

	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
75	High Quality Magnifying Loupes	1			
	High Quality Magnifying Loupes				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
76	Rotary Sealing Machine with Work Station	1			
	Rotary Sealing Machine with Work Station				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
77	Submersible Pump for tube well	1			
	Submersible Pump for tube well				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
78	Syringe Cutter	7			
	Syringe Cutter				
	Local / Imported				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
	Minor Spot light / OT Light				
	Minor Spot light / OT Light				

79	<p>Mobile spot Light</p> <p>Minimum 30,000LUX/0.5m or more</p> <p>Color temperature: 4000K or more better</p> <p>Flexible arm with up & down movement and 360 degree rotation.</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	13				
80	<p>Pneumatic Electric Recharge complete with all Standard Accessories</p> <p>Pneumatic Electric Recharge complete with all Standard Accessories</p> <p>Country of origin should be UK/USA/ EEC./Japan</p> <p>Warranty period shall be of three years starting from date of supply of equipment to the Consignee End</p>	1				
	<p>Electro Cautry Unit</p> <p>Electro Cautry Unit</p> <p>High frequency surgical diathermy for mono polar and bi polar cutting and coagulation for use in general surgery, ENT, Gynecology, Urology, Orthopedic, etc.</p> <p>Output frequency 300Khz</p> <p>Output power 300 W</p> <p>Monopolar cutting 300 W</p> <p>Blend: 230W or more.</p> <p>Monopolar coagulation</p>					

81	crest 120	1				
	Spray 120					
	Bipolar Cutting					
	Bipolar coagulation: 70 W or more					
	Complete with following accessories: Power cable, Monpolar Footswitch, Bipolar Footswitch, Reusable Diathermy pencil, Knife blade electrode straight 2.8cm or better with shaft, Loop-electrode diameter of 9mm or better with shaft, Titanium forceps , bipolar cable, Disposable patient plate & trolley					
Country of origin should be UK/USA/ EEC./Japan						
Warranty period shall be of three years starting from date of supply of equipment to the Consignee End						
82	Direct Ophthalmoscope	1				
	Direct Ophthalmoscope					
	Country of origin should be UK/USA/ EEC./Japan					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
83	Light Source	1				
	Light Source					
	Country of origin should be UK/USA/ EEC./Japan					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
	P.O.P Cutter					

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84	P.O.P Cutter	4				
	Local / Imported					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
85	Phoropter	2				
	Phoropter					
	Country of origin should be UK/USA/ EEC./Japan					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
86	Air Puff (Non Touch)	1				
	Air Puff (Non Touch)					
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End					
	Must be CE Marked Product/ Export Quality / Local					
87	Laser Diode Microscope complete set	1				
	Laser Diode Microscope complete set					
	Scan head: User interchangeable scan head					
	Dicroic mirrors					
	PC controlled pinholes on a rotating drum					
	Scanning: Upto 3frames/sec					
	Didirectional scanning					
	Scan Repetition through software					
x-axis line scan theda axis scan upto 2048 x 2048 pixel						

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	resolution 12 bit gray scale extended red response side window photo multiple channels Country of origin should be UK/USA/ EEC./Japan Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
88	Auditory Brain Stem response with Facilities with all standard accessories Auditory Brain Stem response with Facilities with all standard accessories Country of origin should be UK/USA/ EEC./Japan Warranty period shall be of three years starting from date of supply of equipment to the Consignee End	1			
89	Reister Pneumatic Tourniquet Reister Pneumatic Tourniquet Display mounting on mobile stand Protocol printer Integerated rechargeable battery for surgical use with 04 hours backup Integerated cable & tubing holder integerated compressor Automatic pressure regulation in the event of under & over pressure Pressure calibration builtin cuff, arm & leg pressure 30to 600 mmHg.	1			



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	Integrated error analysis easy maintenance				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
90	Hall Pneumatic / Electric / Recharge	1			
	<u>Hall Pneumatic / Electric / Recharge</u>				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				
91	Fiber Optic Dilators (Gum Elastic B)	1			
	<u>Fiber Optic Dilators (Gum Elastic B)</u>				
	Country of origin should be UK/USA/ EEC./Japan				
	Warranty period shall be of three years starting from date of supply of equipment to the Consignee End				

NOTE: Bidders qualifying the Eligibility Criteria shall call for the submission of samples for quoted item; Samples shall comply with the tender specifications. Final Approval/decision would be taken on samples provided by bidders.


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