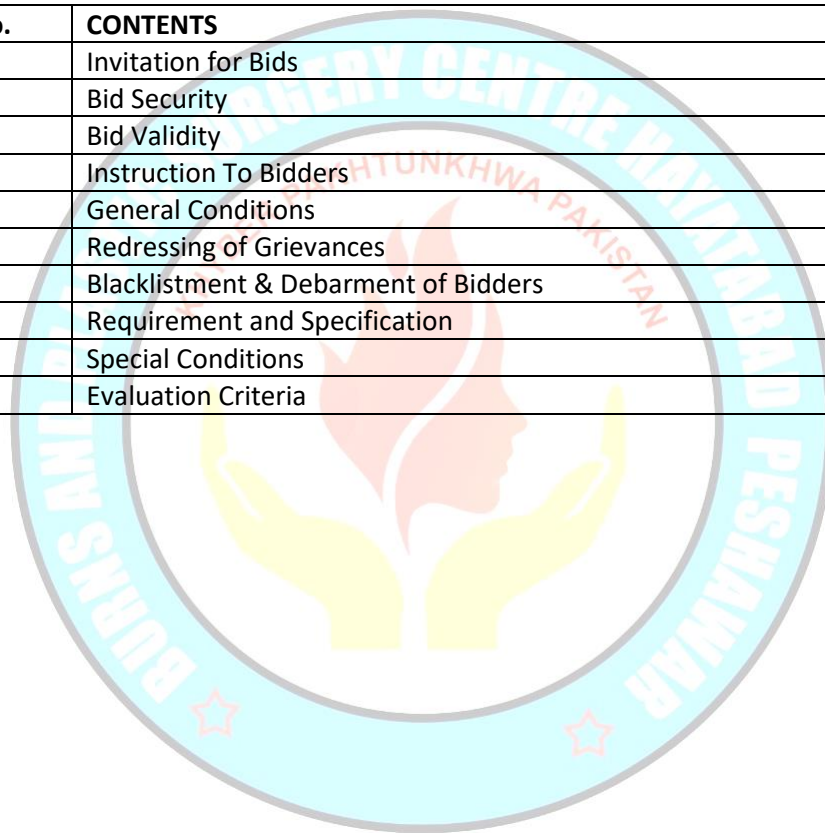


BURNS AND TRAUMA CENTRE HAYATABAD PESHAWAR
BID SOLICITATION DOCUMENTS
FOR MAINTENANCE & SERVICES OF MEDICAL GAS PLANT SYSTEM
TENDER -1(2022-23)
VIDE ADVERTISEMENT No. INF(P) 3922/22

The prospective bidder is expected to examine the Bidding Documents carefully, including all Instructions, Terms & Conditions, and Specifications etc. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the bidding documents in every respect would lead to rejection of bid.

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I. Invitation for Bids
For Burns & Plastic Surgery Centre (Burn & Trauma Centre) Peshawar
under National Competitive Bidding for the year 2022-23
Tender-1(2022-23)

The office of the Director Burns & Plastic Surgery Centre (Burns & Trauma Centre) Peshawar invites sealed bids under National Competitive Bidding from qualified bidders for procuring of the following through **bidding procedures mentioned against each**, as per Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014, for the financial year 2022-23 onwards.

S. No	Description	Bidding Procedure	Bid Security
1.	Operation & Maintenance of HVAC System	Single Stage Two-Envelopes	200,000
2.	Security Services	=	100,000
3.	Maintenance and Services of Medical Gas Plant System	=	100,000
4.	Hardware Installation with Services (Servers, Networking Active & Passive Equipment)	=	100,000
5.	CCTV Security System up-gradation & Services	=	100,000
6.	Maintenance & Services of Electric Generator.	=	100,000
7.	Maintenance & Services of Elevators	=	100,000
8.	Maintenance & Services of UPS System	=	50,000
9.	Maintenance & Services of Transformers	=	30,000
10.	Maintenance & Services of Electric Substation	=	30,000
11.	Maintenance & Services of Tube Well	=	50,000
12.	Maintenance & Services of Firefighting and Fire Alarm System	=	30,000
13.	Supply of Medical Gases	=	100,000
14.	Contract of Local Purchase of Medicine	Single Stage One Envelopes	100,000
15.	Purchase of Anesthesia Disposables/Medical Gases Items/tools/Consumables	=	100,000
16.	Purchase of CSSD/Laundry Consumables	=	100,000
17.	Purchase of Laboratory Equipment/chemicals/kits etc	=	100,000
18.	Purchase of Stationery & Printing Items	=	100,000
19.	Purchase of Medical	=	100,000

	Accessories/Items/Equipment		
20.	Purchase of Furniture & Furnishing Items	=	100,000
21.	Purchase of Bedding & Clothing Items	=	50,000
22.	Purchase of Miscellaneous Items	=	50,000
23.	Website Up-gradation Services	=	50,000
24.	Service level agreement for HMIS Software	=	50,000

1. The rates approved will remain effective till **30-06-2023** extendable further.
2. Bidding documents/TORs can be obtained from Burns & Plastic Surgery Centre Peshawar in person / representatives during office hours before the Tender opening or downloaded from official website www.btckp.gov.pk.
3. Pre-bid meeting is arranged on **Wednesday, 06/07/2022** in Burns & Trauma Centre Peshawar.
4. Bids must be delivered at the address given below at or before **10:00 AM** on **Monday, 25/07/2022**. Tender will be opened in the presence of the bidders or their authorized representatives at **11:00 AM** on the same day by the Tender Opening Committee.
5. Tender received after due date/time will not be accepted.
6. Only typed tender on original company prescribing letter pad sealed & signed (Every Page) should be submitted with rated quoted in both words & figures. Hand written bids would not be acceptable
7. The firm must be on FBR Active Tax payer list, taxes will be deducted as per rules. The firms must provide details of NTN #, Sales Tax #, Income Tax #, professional Tax # etc. and exemptions if any.
8. For serial No.1 to 12 or where services are rendered, all firms must be registered with Khyber Pakhtunkhwa Revenue Authority (KPRa).
9. Proprietary Certificate if applicable must be attached.
10. The bidder, in case of being a winner, will be bound to ensure the fulfillment of the said order within stipulated period as per supply order, otherwise penalty will be imposed as per Govt: rules.
11. No conditional tender will be acceptable.
12. **Bid Security** as mentioned against each category in the form of CDR shall be submitted in favor of **Director Burn and Trauma Centre Peshawar.**

Note: the competent Authority reserves the right to reject all bids under the rule 47 of the Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014.

Bid Submission / Opening

Burns & Plastic Surgery Centre (Burn and Trauma Centre)
Hayatabad Peshawar.
Tel: 091-5830078-82
www.btckp.gov.pk

Corrigendum

Reference advertisement No.INF (P) 3922/22 Dated: 02/07/2022 published in Daily Aaj and others newspapers; the last date for bid submission/date for tender opening is extended to 15/08/2022.

II. BID Security/CDR

- a. The amount of CDR shall be as mentioned in the invitation of Bids
- b. The CDR should be submitted in favor of : **“Director Burns and Trauma Centre Peshawar”**.
- c. Firms shall include original CDR in Financial Bid and copy of CDR in Technical Bid.

III. BID VALIDITY:

90 days or as per applicable KPPRA Rules

IV. INSTRUCTIONS TO BIDDERS:

1. This Bidding procedure will be conducted in light of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Act, and Rules made there-under along with Standard Bidding Documents of B&TC
2. Both Technical Bids and Financial Bids must be submitted in two separate sealed inner envelopes marked “1-Technical Bid” and “2-Financial Bid” which should be packed in one outer sealed envelope.
3. The technical bids will be opened in the Bid opening in presence of the Bidders/representatives while the financial bids will be opened later on after the evaluation of technical bids. Financial bids of only technically qualified responsive bidders will be opened while the financial bids of technically unqualified bidders will be returned unopened.
 1. **All the bidders are required to provide the documents annexure wise for their Evaluation Criteria. Please only provide the documents required and label them annexure wise. Additional documents may be annexed after the required documents. Documents not properly annexed will be discarded. Duplicate documents will also be rejected. It is at the risk and cost of the bidder to provide documents in proper order otherwise they will be rejected.**
 2. Copy of CDR shall be attached with the Technical Bid while original CDR shall be attached to Financial Bid.
 3. Pre-bid meeting with the interested bidders will be held on the above mention time and date in Conference Room of the Institution.
 4. Any bid received after the deadline for submission of bids shall not be entertained and shall be returned unopened to the Bidder. Delay on part of the bidder or courier service shall not be entertained.
 5. The bid should be complete in all respect and must be signed by the bidder. Bidders are essentially required to provide correct and latest postal/email/web addresses, Phone/mobile/fax numbers for actively and timely communication.
 6. For any query, clarification regarding Services / Bid Solicitation Documents (BSD), the applicants may send a written request at least one day prior to the opening date.
 7. The Bidder may after its submission withdraw its bid prior to the expiry of the deadline prescribed for submission of bids. Withdrawn bids will be returned unopened to the Bidders.

8. Any bid not received as per terms and conditions laid down in this document are liable to be ignored. No offer shall be considered if:
 - a. Received without bid security/CDR;
 - b. Received after the date and time fixed for bid submission;
 - c. The tender document and the bid is/are unsigned;
 - d. The offer is ambiguous;
 - e. The offer is conditional;
 - f. The offer is from blacklisted firm;
 - g. Bid must be typed; hand written contents shall NOT be accepted;
 - h. Bid found in violation of condition mentioned in tender notice or BSD.
9. Usage of correction fluid & corrections are strictly prohibited unless duly initiated.
10. No erasing / cutting etc. shall be allowed on the offer; such erasing/cutting etc. will lead to rejection of offer.
11. The bidder submitting bid in the name different from his own will be summarily rejected.
12. In case of Bid Tie, the decision will be taken as per govt. rules
13. Any direct or indirect effort by a bidding firm to influence the committee during the process of selection of a bidder or award of contract, shall lead to rejection of its bid.

V. GENERAL CONDITIONS: -

1. The bidder must be registered with Income / Sales Tax Department, reflected as Active Tax Payer on the list of FBR.
2. The bidder shall provide an undertaking that the bidder has not been declared black listed by any institution.
3. Bidders shall not be eligible to bid if they are under a declaration of Ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPPRA Rules 2014.
4. B&TC Peshawar shall evaluate the proposal as per evaluation criteria set out in these documents.
5. Alternative bid via single bid shall not be considered and shall be rejected.
6. No Conditional Bid will be accepted
7. B&TC Peshawar may increase or decrease the quantity of the items required.
8. At any time prior to the deadline for submission of bids, B&TC Peshawar may, for reason to be recorded, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by addendum. However, after bid opening no alteration in bid documents shall be allowed.
9. If a bid is not substantially responsive, it will be rejected for the said bidding.
10. B&TC Peshawar may accept or reject any or all of the bids under Rule 47 of KPPRA Rules, 2014.
11. In case of the Importers/Authorized Dealers, the firm will ensure that the items are acquired from the original manufacturer and are arranged through proper channel as advised by the original manufacturer.

12. In case of equipment Purchase, the firm will provide the country-of-Origin certificate on the letterhead of manufacturer regarding the quoted equipment.
13. The successful bidder shall provide bill of lading on shipment, insurance document, if applicable.

VI. REDRESSING OF GRIEVANCES

1. The Grievance Redressal Mechanism of B&TC shall be in accordance with prevailing KPPRA Grievance Redressal Rules.
2. The Procuring Entity shall constitute a committee comprising of disagreed & notified by the competent authority proper powers and authorizations to address the complaints of bidders that may occur as per KPPRA Grievance Redressal Rules.
3. Any bidder feeling aggrieved by any act of the Procuring entity after the submission of his bid may lodge a written complaint concerning his grievances not later than 03 days after the announcement of the bid evaluation report.
4. The grievance redressal Officer shall investigate and decide upon the complaint within 06 days of the receipt of the complaint. The report along with decision shall be forwarded to the concerned officer within the prescribed period.
5. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

VII. BLACKLISTMENT & DEBARMENT OF BIDDER/CONTRACTOR

Conditions for Blacklisting/debarment of Bidder/Contractor as per KPPRA Rules 2014 and its amendments will be followed.

The following are the events which would lead to initiate (Rule 44 of KPPRA Rules 2014) blacklisting/debarment process;

1. Consistent failure to provide satisfactory performances.
2. Found involved in corrupt/fraudulent practices.
3. Abandoned the place of work permanently
4. Conditions for debarment of Defaulted Bidder/Contractor
5. Failure or refusal to;
 - a. Accept Purchases Order / Services order terms;
 - b. Make supplies as per specifications agreed;
 - c. Fulfill contractual obligations as per contract
6. Non execution of work as per terms & condition of contract.
7. Any unethical or unlawful professional or business behavior detrimental to good conduct and integrity of the public procurement process.
8. Persistent and intentional violation of important conditions of contract.
9. Non-adherence to quality specifications despite being importunately pointed out.
10. Security consideration of the State i.e., any action that jeopardizes the security of the State or good repute of B&TC Peshawar.

VIII. REQUIREMENT AND SPECIFICATIONS

Medical Gases Maintenance Service Oxygen, Compresses Air and Vacuum Systems Maintenance Service

1. Scope of Work

The Contractor shall provide all labor for installation and repair, original parts / consumables of equipment and to perform a complete inspection, testing HTM, preventive maintenance and minor repair for the following government-owned equipment as per standards if required.

2. Location of Work

2.1 Burn & Trauma Center Hayatabad Peshawar

2.2. Existing System Installed

One (1) model: _____ Air Compressor GAMed 18 Duplex - Beacon Medaes part of ATLAS COPCO EUROPE

One (2) Model: _____ Desiccant Dmed 35 Air Dryer - Beacon Medaes part of ATLAS COPCO EUROPE

One (1) Model: _____ Triplex U5.200 Vacuum Pump Medgas Tecknik- BECKER Germany

One (1) Model: _____ High Pressure Supply Lifeline MCS Manifold - Beacon Medaes part of ATLAS COPCO EUROPE

Two (2) Model: _____ Master Alarm Panel MP125. Beacon Medaes part of ATLAS COPCO EUROPE

One (1) Model: _____ Area Alarm Panel TMA Series.

Seven (7) Model: _____ Zone Valve Box.

One (1 Lot) Model: _____ Ball Valve with Copper extensions Beacon Medaes part of ATLAS COPCO EUROPE

One (1 Lot) Model: _____ Quick Connect Outlet Station Gemsheid Beacon Medaes part of ATLAS COPCO EUROPE

One (1 Lot) Model: _____ Check Valves Duplex PRS 11/ 7-4 bar, Regulators, etc. Beacon Medaes part of ATLAS COPCO EUROPE

3. Specific Contractor Task:

Contractor shall provide the services listed below:

3.1 Maintenance and inspection service shall be performed by as a minimum journeyman status as recognized by the industry with at least five (5) years' experience and certified training in the inspection, testing, and maintenance of medical gases systems.

3.2 The contractor shall furnish all tools, equipment, test instruments, cleaning materials and preventive maintenance parts required. All work shall be performed to meet requirements of HTM 2022 "Gas and Vacuum Systems",

3.3 Work is to be performed all year round Monday through Sunday 24 hours, exclusive of Federal/ Provisional holidays

3.4 Emergency Repairs: An emergency repair shall be defined as one in which any portion of the medical gas, compressed air and vacuum systems is shutdown or is inoperable due to breakdown, malfunction, fire, or any other condition determined by the Contracting Officer's Technical Representative (COTR) or authorized Government inspector that presents an immediate danger to personnel or threatens to impair the mission of the facility. A mechanic shall be on the site ready to service the medical gas, compressed air, and vacuum systems within one (1) hour of receiving a request for emergency service call, 24 hours a day, 7 days a week. After receiving a request for emergency service, the work shall be prosecuted continuously until the emergency situation is arrested.

3.4.1 Urgent Repairs: An urgent repair shall be defined as one in which the medical gas, compressed air and vacuum system may become inoperable due to malfunction or need for servicing, or threatens to impair the mission of the facility. A mechanic shall be on the site to service the medical gas, compressed air, and vacuum systems within four (12) hours of receiving a request for urgent service, the work shall be prosecuted continuously until the urgent situation is arrested. Examples of urgent repairs includes: Medical gas system leaking seeping or weeping, power fluctuation affecting the system, or medical gas system no longer functioning.

3.4.2 System shut down/standby: The government may direct the contractor to shut down the system at its convenience to allow other Government or contract work to be performed in that area. The contractor shall be available 24 hours a day, seven days a week. The Government will provide the contractor with a 24-hour notice of shut down service. At such time, the contractor will be provided the time and date of the shut down, to include when the equipment will be back to operating status. The contractor is not required to be at the job site during the period the system is shutdown. The Contractor will be compensated for the actual time it takes to shutdown the system and the actual time it takes to turn-on the system. Standby requires the Contractor to be at the job site during specified periods, as directed by the COTR. Standby may be required when system is shutdown or when other work (i.e. construction, electrical outages, etc.) may adversely affect the system. The Contractor will be compensated for the entire standby period.

3.4.3 Routine Repair: Service at the site within the next normal workday after the Contractor has been contacted for service. The work is done during regular working hours at no additional cost to the Government. Routine service calls shall be a part of the monthly service costs.

3.5 Shutdown of any portion of any system regardless of duration shall be coordinated through and approved by the Facilities Management/Engineering Service staff.

3.6 Contractor shall respond only to calls for service placed by the following personnel:

1. Facilities Management/Engineering Service Maintenance & Operations (M&O) section, telephone 091- _____ (Service line manager/ Biomedical engineer/ biomedical technician).
2. Chief, Facilities Management/Engineering, telephone _____
3. Contracting Officer

3.7 For each visit to the facility, the contractor must log-in at the Biomedical Department both upon arrival and prior to departure. This procedure is mandatory and the listed phone numbers above are for informational purposes only. At the end of each month, log-in sheets and checklists are to be turned in to the Biomedical Department.

3.8 Contractor shall provide all resources required in performing these maintenance services and inspections, including, but not limited to, parts, materials, cleaning fluids, equipment, tools, shipping, travel, and labor. Contractor is responsible to determine the nature and extent of any work required to restore equipment to satisfactory condition and operation as determined by the VA, replacing parts if conditions warrant. All service, maintenance, inspections and testing will be in accordance with attachments (A) through (D) and manufacturer/contractors standards whichever are more stringent.

3.9 Contractor will certify the system annually in accordance with HTM 2022.

3.10 Where the hospital gives specific maintenance procedures or guidelines, Contractor shall perform in accordance with these guidelines, in addition to biomedical guidelines. If the hospital does not give a specific procedure, the manufacturer recommended preventive maintenance (PM) procedure as described in the official service manual will be followed, and the Contractor shall submit a detailed description of the procedure to be followed in performance of preventive maintenance (PM).

3.11 Contractor in accordance with Department of Burn and trauma center hospital policies and procedures shall complete documentation of all preventive maintenance.

3.12 Any service required which the Contractor believes to be in excess of the contract provisions and required additional payment must not be performed without, prior, authorization from the Contracting Officer or Facilities Management/Engineering contact office, which will arrange a separate purchase order to pay for the additional service, if decide by the Burn & Trauma hospital.

3.13 Contractor shall observe check-in/out procedures by “Signing In and Out”, so that the Biomedical department will be aware of the Contractor’s presence at the facility at all times.

Upon each departure, Contractor shall serve notice of disposition of work to the Engineering contact office.

3.14 Contractor shall have a comprehensive inventory of parts and components for all equipment covered under contract, immediately, available for necessary repairs in order to limit equipment downtime.

3.15 Payment will be made in arrears of the specified billing period after receipt of a properly prepared invoice, provided all required work, including preventive maintenance, has been performed in accordance with contract.

3.16 The Contractor shall obtain all necessary licenses and/or permits required to perform this work.

3.17 Contractor shall take all precautions necessary to protect persons and property from injury or damage during the performance of this contract. Contractor shall be responsible for any injury to any Contractor's representative, or others, as well as, for any damage to personal or public property that occurs during the performance of this contract that is caused by the Contractor's fault or negligence.

3.18 Minor repairs with charges under PKR 5000 will be included within the contract. Repairs and replacement of parts & equipment with charges over PKR 5000 will be billed separately.

3.19 Contractor shall be responsible for monitoring the supply levels of the medical oxygen system at whole building.

3.20 Documentation requirements

- Monthly: Daily logs of previous month's medical gas system readings.
Any incident reports pertaining to unexpected breakdown/failure of medical gas system components.
- Quarterly: Preventive maintenance and repairs logs/reports of previous quarter, including semi-annual and annual logs/reports that were performed during that quarter.
- Semi-annual: Update of medical gas system binder, which includes layout of emergency shutoff valves, rooms served, alarm panel locations.
- Annually: Record of training of staff at respective sites
Preventive maintenance and repair history on major equipment components.

ATTACHMENT “A” MAINTENANCE FOR MEDICAL OXYGEN SYSTEM

Medical Oxygen System:

Monthly:

Check oxygen manifolds working properly with supply

Visual inspection the manifold.

Carry out full system test checking all pressure switch and regulator settings.

Inspect tailpipes for signs of wear.

Check relief valves are not passing.

Check tailpipe non return valve operation.

Check age of gas in the cylinders. (most has a 3 year working life)

Medical Oxygen System:

Annually:

- Perform inspection of oxygen regulators. Work shall include unit inspection, calibration and any parts replacement to keep equipment in optimal operating condition. Inspection/calibration stickers are required on each individual unit and are to include date of inspection/calibration and next due date.

ATTACHMENT “B” MAINTENANCE FOR MEDICAL AIR SYSTEMS

Monthly:

Check the Air Filter

Cleaning the dust removal pre filter

Check the condition of temprature sensor

Clean the radiator of compressor

Check visual condition of display

Check Hydraulic Seals

Tighten Screw cables remote swiches K1 - K2-K3

Overhaul the intake valve

Check the condition of flexible & Pneumatic pipes

Check oil Level of compressor

Check the rotation direction of motor

Quarterly:

- Recheck the location of the air intake to assure that it continues to be a satisfactory source of medical compressed air.

Semi-Annually:

- Check compressor bearings for wear. Lubricate or replace, as necessary.
- Check motor bearings for wear. Lubricate or replace, as necessary.

Annually:

- Lubricate compressor bearings if necessary.
- Lubricate motor bearings if necessary.
- Test operation of the pressure high/low and pressure switch for the medical air piping system by raising and lowering the system pressure with the regulators.
- Test operation of Medical Air Compressor Malfunction.
- Test operation of Desiccant Dryer Malfunction.
- Test operation of Discharge High Air Temperature.
- Check intake filters for compressor. Clean or replace as required.
- Change/replace intake filters for air compressor.
- Perform inspection and of medical air regulators.

ATTACHMENT “C” MAINTENANCE FOR MEDICAL VACUUM SYSTEMS

Monthly:

- Check couplers for misalignment, tightness, or excess wear. Replace or adjust, as necessary.
- Check for clogging of strainer and clean, as necessary.
- Verify that the vacuum pumps are running at the correct rpm or amperage and adjust, as necessary.
- Clean pump and cooling fins, as necessary.

Quarterly:

- Perform oil change by draining crankcase of old oil and refill with new oil, as recommended by the manufacturer.

Semi-Annually:

- Check pump bearings for wear. Lubricate or replace, as necessary.
- Check motor bearings for wear. Lubricate or replace, as necessary.

Annually:

- Lubricate compressor bearings as necessary.
- Lubricate motor bearings as necessary.
- Test operation of Vacuum Low and pressure switch for the vacuum piping system.
- Test operation of Vacuum Pump Malfunction.

ATTACHMENT “D” MAINTENANCE FOR MEDICAL GAS ALARM SYSTEM

Monthly:

- Emergency Shut-Off Valves:
- Check shut-off valve and pressure gages for external leakage Repair or replace defective valves, as required. Verify operation of valves by closing and reopening rapidly to avoid disruption of service to the end-use connections.

Semi-Annually:

1. End-User Connections:
2. Perform semi-annual inspection of all end-user connections. Schedule inspections and testing of end-user connections to avoid interruption of service to hospital activities. The Contractor shall notify the COTR of any outlets that cannot be inspected at the time of the scheduled maintenance. The COTR shall reschedule the inspection of the outlets for a time approved by the clinical staff.
3. Clean all exposed parts. Clean faceplates and other exposed areas with a cloth dampened with water and/or common on hospital disinfectant. Do not use oil or grease on or near outlets.
4. Use appropriate adapters to check for proper operation of outlets. Repair quickly-disconnect outlet stations if binding, looseness, or other malfunction is detected.
5. Check for audible leakage around the outlets without the adapter and repair, as required.
6. Check oxygen and medical air pressures at each connection. Investigate and repair any variation in pressure from the normal operating ranges.

ATTACHEMENT “E” SECONDARY EQUIPMENT TESTING

Regulators and Flowmeters:

Annually:

1. Clean and test all flowmeters and regulators provided by staff and generate reports identifying each equipment status.

ATTACHMENT “F” PERSONNEL TRAINING FOR EMERGENCY PROCEDURES

Semi-annually:

1. Provide equipment training to medical personnel in the operation of and emergency shut-off valves for the medical gas systems during emergency or disaster occurrence.
2. Provide equipment maintenance training to staff for daily/weekly maintenance activity for the smooth running of equipment.

CONTRACT AGREEMENT SPECIMEN
SERVICE & MAINTENANCE CONTRACT OF MGPLS EQUIPMENT (WITHOUT PARTS & WITHOUT CONSUMABLES) AT BURN AND TRAUMA CENTER PESHAWAR.

THIS CONTRACT AGREEMENT made at Peshawar, the _____ between **Burn & Trauma Center Hayatabad**

Peshawar through Director Burn & Trauma Center Peshawar, their successors and legal assigns hereinafter called "**Principal**" as part of the First part and (**Bidder**) herein called as "**Contractor**", having its registered office at (**Bidder Address**) and as party of Second part.

WITNESSETH:

WHEREAS the principal intends that (**Bidder**), carry out maintenance/repair of **Medical Gas System (As per Annex. A)** Called the "equipment" between _____ to **30.06.2023** both days inclusive, on the following mutually agreed terms and conditions.

1. (Bidder) agrees to provide the principal maintenance (Without parts & without consumables) service for the complete system.

2. With effect from _____ service charges based on approved amount **Rs. (_____)** will be payable at the end of financial year 2022-2023.

3. UPTIME GUARANTEE:

- i. Uptime shall be defined as the time available to the user for doing data acquisition/processing during working hours 09:00 to 17:00 hour six days of week (except public holidays).
- ii. Uptime will only be defined when the principal will ensure us the availability of parts. The parts rates are already available for the financial year 2022-2023.

4. RESPONSE TIME:

- i. The response time of 2 hour will be considered normal.
- ii. The Installation of the system improvement and updates as schedule by mutual agreement of both the parties as
Well as schedule preventative maintenance will be considered as downtime.
- iii. Qualified and fully trained/service support will be available in case of any complaint.

5. SPARE PARTS:

(**Bidder**) shall at all times during the term of this contract keep stock of necessary spare parts and test equipment to maintain the "equipment" under contract in good working condition.

It is agreed that if any part or parts of the defined "Equipment" become unserviceable, (**Bidder**) shall replace those parts or parts on quotation basis subject to approval of the competent authority. Brand new and original parts will be used as the replacement on manufacturer guarantee periods.

6. SCOPE OF WORK:

- i. One (01) annual comprehensive maintenance of one day duration.
- ii. The 6 months inspections will include: Adjustment & setting correction of defects which result from normal wear and tear.
- iii. Filed modification, if any, recommended by the manufacturer to improve performance & reliability.

- iv. Contract shall also carry out necessary repairs, within the scope of this agreement, as and when required by the principal. Furthermore, contract shall provide support to operating staff of the equipment as and when considered necessary.
- v. Minor parts shall be provided /replaced free of cost by the contractor.

7. MISCELLANEOUS:

Client has the right to terminate the contract agreement, if contractor fails to provide service as per contractual conditions, after being dully notified by the principal in writing.

8. FORCE MAJEURE:

(Bidder) agrees to perform all services in good faith. However, in the event of Force Majeure any party shall be entitled to suspend performance of obligations. Force Majeure shall be deemed to be any event or occurrence beyond such part's control, as a result of which said party is unable to comply with obligations or can't reasonably be required to do so and shall include acts of God, civil disturbance, wars) acts of public enemy, riots, strikes or work stop pages.

9. All the Government taxes shall be applicable as per prevailing rules and its amendments from time to time.
10. All related Govt rules and regulations shall be applicable.
11. The contract may be extended further as per govt. rules and agreed upon by both parties.

List of Equipment's installed (Annexure-A)

2.1 Burns & Trauma Center Hayatabad Peshawar

2.2 Existing System Installed

- One (1) Model: Air Compressor GA MED 18 Duplex – Beacon Medaes part of Atlas Copco Europe
- One (2) Model: Desiccant dMED 35 Air Dryer – Beacon Medaes part of Atlas Copco Europe
- One (1) Model: Triplex U5.200 Vacuum Pump Medgas Technik – Becker Germany
- One (1) Model: High Pressure Supply Lifeline MCS Manifold – Beacon Medaes part of Atlas Copco Europe
- Two (2) Model: Master Alarm Panel MP125 – Beacon Medaes part of Atlas Copco Europe
- One (1) Model: Area Alarm Panel TMA series
- Seven (7) Model: Zone Valve Box
- One (1 Lot) Model: Ball Valve with Copper extensions – Beacon Medaes part of Atlas Copco Europe
- One (1 Lot) Model: Quick Connect Outlet Station Gemshield – Beacon Medaes part of Atlas Copco Europe
- One (1 Lot) Model: Check Valves Duplex PRS 11/ 7-4 bar, Regulators etc.– Beacon Medaes part of Atlas Copco Europe

Assignee of the First Part

Assignee of the Second Part

**DIRECTOR
Burn & Trauma Center
Hayatabad Peshawar**

(Bidder).

Signature _____

Signature _____

Name of Representative: _____

CNIC: _____

Designation: _____

Witnesses

Witnesses

Name: _____

Name: _____

CNIC: _____

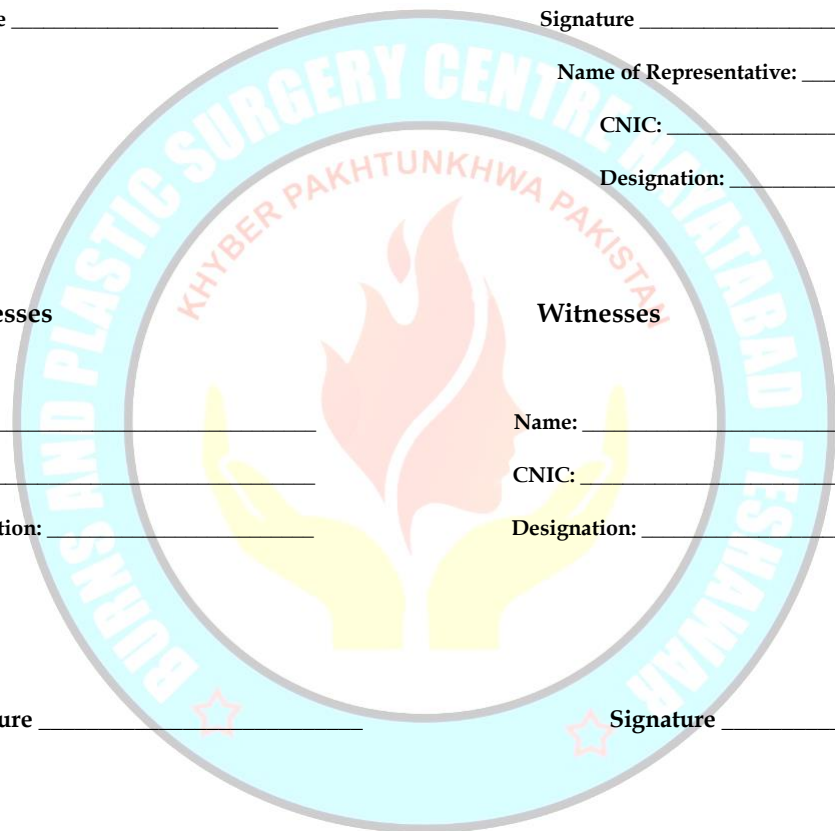
CNIC: _____

Designation: _____

Designation: _____

Signature _____

Signature _____



Medical Gases Spare Parts

SN	Description	Brand/Model	Unit	Rate (DDP)
1	Manifolds 1 st Stage Regulator	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
2	2 nd Stage Regulator	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
3	Solenoid isolation valve.	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
4	1 st Stage Pressure Relief Valve	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
5	2 nd Stage Pressure Relief Valve	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
6	Cylinder Pressure Gauges.	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
7	Gauge for Distribution System Pressure.	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
8	Cylinder Pressure Sensor.	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
9	Sensor for Distribution System Pressure.	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
10	LCD Screen	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
11	Control PCB	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
12	Termination Board	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
13	24V DC Power Supply	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
14	Non-return valve	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
15	Ribbon cable 1	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
16	Ribbon cable 2	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
17	Flexible Tail pipe	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	
18	Bulnose Nut Nipple	BeaconMedaes part of Atlas Copco/Lifeline MCS	1	

19	Air Compressor Temperature sensor	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
20	PCB controller	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
21	Cooler	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
22	Water separator Drain	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
23	Intake valve complete	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
24	Minimum pressure valve	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
25	Motor overloaded	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
26	Magnetic contractor	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
27	Thermostat valve	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
28	Compressor Motor 18 KW	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
29	Transformers	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
30	Connector supply	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
31	Connector	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
32	Terminal strip	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
33	Fuses	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
34	Phase sequence Relay	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
35	Circuit Breaker fan motor	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
36	Elektronikon Controller	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
37	element outlet temperature sensor	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
38	Air Filter	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
39	Oil Filter	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
40	Oil Separator	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	

41	Synthetic Oil (20 Liter Can)	Beacon Medaes Parts of Atlas Copco/ Model: GA-18	1	
42	<u>Vacuum Plant</u> Coupling with fan	Medgas Technik (Germany) Triplex U5.200	1 CAN	
43	Rotor vane kit	Medgas Technik (Germany) Triplex U5.200	1	
44	intake valve/Suction vale unit	Medgas Technik (Germany) Triplex U5.200	1	
45	NRV kit	Medgas Technik (Germany) Triplex U5.200	1	
46	Rubber buffer	Medgas Technik (Germany) Triplex U5.200	1	
47	Cooler	Medgas Technik (Germany) Triplex U5.200	1	
48	Coupling Disc	Medgas Technik (Germany) Triplex U5.200	1	
49	Rotor	Medgas Technik (Germany) Triplex U5.200	1	
50	Maintenance KIT (K1)	Medgas Technik (Germany) Triplex U5.200	1 Set	
51	Bacteria Filter element	Medgas Technik (Germany) Triplex U5.200	1	
52	Course Separator	Medgas Technik (Germany) Triplex U5.200	1	
53	Vacuum oil (10 liter can)	Medgas Technik (Germany) Triplex U5.200	1 CAN	
54	<u>Desiccant Dryer</u> DD filter	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
55	PD filter	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
56	PDP filter	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
57	Dew point sensor	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
58	Solenoid valve	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
59	Line pressure sensor	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	

60	Desiccant kit	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
61	Silencer	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
62	Regulator	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
63	Safety valve	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
64	Pressure gauge	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
65	Control display (electric control panel	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
66	Pressure switch	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
67	QDT kit	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
68	Pneumatic pipe	DMED-35 Beacon Medaes part of Atlas Copco UK	1 Meter	
69	Connector female	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
70	Fuse holder	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
71	Control transformer	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
72	Auto Drain Valve	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
73	Filter Drain Valve	DMED-35 dryer Beacon Medaes part of Atlas Copco UK	1	
74	Oxygen Flowmeter with humidifier	Flowmeter Italy RS	1	
75	Vacuum Regulator with 1 liter suction Jar	Flowmeter Italy RS	1	

76	Outlet for Oxygen, Air, N2O & Vacuum	Beacon Medaes Parts of Atlas Copco/ Model: Gumshield	1 each	
77	Oxygen Flowmeter cylinder type	Flowmeter Italy RS	1	

Existing Components of the Medical Gas Plant System			Rate (DDP)
78.	Air Compressor GA Med 18 Duplex - Beacon Medaes part of ATLAS COPCO EUROPE	Each	
79.	Desiccant Dmed 35 Air Dryer - Beacon Medaes part of ATLAS COPCO EUROPE	Each	
80.	Triplex U5.200 Vacuum Pump Medgas Technik- BECKER Germany	Each	
81.	High Pressure Supply Lifeline MCS Manifold - Beacon Medaes part of ATLAS COPCO EUROPE	Each	
82.	Master Alarm Panel MP125. Beacon Medaes part of ATLAS COPCO EUROPE	Each	
83.	Area Alarm Panel TMA Series.	Each	
84.	Zone Valve Box.	Each	
85.	Ball Valve with Copper extensions Beacon Medaes part of ATLAS COPCO EUROPE	Each	
86.	Valves Duplex PRS 11/ 7-4 bar, Regulators, etc. Beacon Medaes part of ATLAS COPCO EUROPE	Each	
87.	Any other part required in the Medical Gas Plant room and Manifold room	Each	
88.	AGSS repair Motors, PCB Board, Knobs, and other		
PARTS WITH INSTALLATION/REPAIR OF MGPLS EQUIPMENT AT BURN AND TRAUMA CENTER PESHAWAR			
1	Oxygen manifold Beacon Medas(Lifeline) parts with installation/repair.		
2	Nitrous Oxide Manifold Medas (lifeline) parts with installation/repair.		
3	Air compressors GA MED 18 Duplex-Beacon Medas part of Atlas Copco Europe parts with installation/repair.		
4	Desiccant dMED35 Air Dryers -Beacon Medas part of Atlas Copco Europe parts with installation/repair.		
5	Triplex U5.200 Vacuum pumps Medgas Technics-Becker Germany parts with		

	installation/repair.
6	Zone valve box parts with installation/repair.
7	Medical Air, Oxygen, Nitrous Oxide, AGSS, Vacuum Supply line/Copper tube with installation/repair.



LIST FOR THE PURCHASE & INSTALLATION OF MEDICAL GAS ACCESSORIES FOR THE YEAR 2022-23

S.No	Name of Items	
	Lot # 01	
1	Oxygen Flow Meter Wall mounted complete with Humidifier Bottle, mask & Probe (EUROPE, USA, JAPAN) OR equivalent	Each
2	Oxygen Point (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
3	Vacuum Point (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
4	Medical Air (EUROPE, USA, JAPAN OR EQUIVALENT) 4 Bar	Each
5	Surgical Air (EUROPE, USA, JAPAN OR EQUIVALENT) 7 Bar	Each
6	Nitrous oxide Point (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
7	Suction Controller Complete with collection jar (2000ML) & Probe (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
8	Zone service unit 3 Gases	Each
9	Zone service unit 2 Gases	Each
10	Zone service unit 4 Gases	Each
11	Ball valve ½", complete with adopter (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
12	Ball valve ¾", ' complete with adopter (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
13	Ball valve 1" complete with adopter (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
14	Alarm penal	Each
15	Bed Head Panel	Each
16	Pendant	Each
17	Ceiling Points	Each
18	Copper Pipe 12mm(18SWG) complete with fitting and installation (IMPORTED)	Per Meter
19	Copper Pipe 15mm(18SWG) complete with fitting and installation (IMPORTED)	Per Meter
20	Copper Pipe 22mm(18SWG) complete with fitting and installation (IMPORTED)	Per Meter
21	Copper Pipe 28mm (18SWG) complete with fitting and installation (IMPORTED)	Per Meter

22	Oxygen Regulator for cylinder complete with flow meter Humidifier bottle and mask (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
23	Oxygen Regulator (Heavy Duty) (EUROPE, USA, JAPAN OR EQUIVALENT)	Each
35	Cylinder Trolley for MM cylinders	Each
36	Cylinder Trolley for MF cylinders	Each
Existing Components of the Medical Gas Plant System		
37	Air Compressor GA Med 18 Duplex - Beacon Medaes part of ATLAS COPCO EUROPE	Each
38	Desiccant Dmed 35 Air Dryer - Beacon Medaes part of ATLAS COPCO EUROPE	Each
39	Triplex U5.200 Vacuum Pump Medgas Technik- BECKER Germany	Each
40	High Pressure Supply Lifeline MCS Manifold - Beacon Medaes part of ATLAS COPCO EUROPE	Each
41	Master Alarm Panel MP125. Beacon Medaes part of ATLAS COPCO EUROPE	Each
42	Area Alarm Panel TMA Series.	Each
43	Zone Valve Box.	Each
44	Ball Valve with Copper extensions Beacon Medaes part of ATLAS COPCO EUROPE	Each
45	Valves Duplex PRS 11/ 7-4 bar, Regulators, etc. Beacon Medaes part of ATLAS COPCO EUROPE	Each
46	Any other part required in the Medical Gas Plant room and Manifold room	Each

Firm must provide samples to the selection committee, if samples are not provided by the firm, it will be considered non responsive and will not be selected for further evaluation.

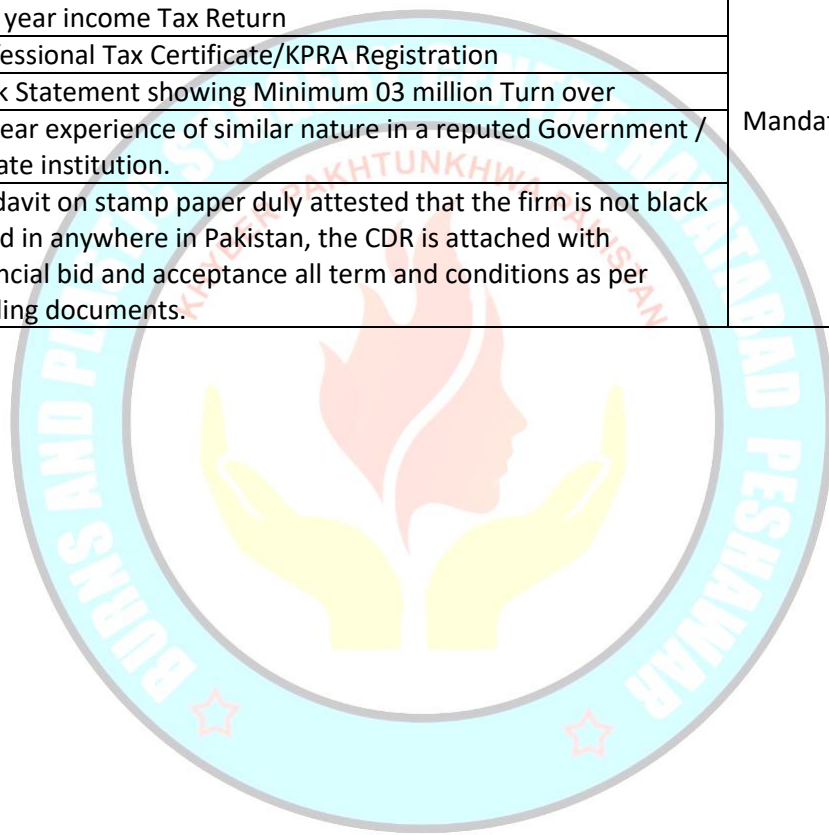
1. Rates are inclusive of installation testing and commissioning charges.
2. Company Authorization certificate from the Principal must be provided long with the quotation.
3. Past experience must be attached in relevant field from concerned department.

IX. EVALUATION CRITERIA:

I. TECHNICAL BID

The Technical bid shall be submitted as per given criteria. All the bidders are required to provide the documents and label them annexure wise as per Checklist given below. Documents not properly annexed as per given sequence will be discarded.

Annex No.	Details	
1.	Status on Active Taxpayer List	Mandatory Documents
2.	Income Tax Registration	
3.	Sale Tax Registration	
4.	Last year income Tax Return	
5.	Professional Tax Certificate/KPRA Registration	
6.	Bank Statement showing Minimum 03 million Turn over	
7.	03 year experience of similar nature in a reputed Government / Private institution.	
8.	Affidavit on stamp paper duly attested that the firm is not black listed in anywhere in Pakistan, the CDR is attached with financial bid and acceptance all term and conditions as per bidding documents.	



Annex No.	Components	Length of Business	Sub Marks	Total Marks
10.	Experience of the Firm	i. 3 Years ii. 3-10 Years iii. More than 10 Years	i.10 marks ii.15 iii.20	20
11.	Working experience with healthcare institutions	1-5 institutions	05 marks	05
12.	Experience in govt.	Experience with govt. & semi-govt organizations/departments/authorities	05 marks	05
13.	Tools/Plants & Machinery etc	Specified Equipment & Machinery in working condition. Marks will be given on the basis of available equipment with contractor and their condition. (Written document/statement needed on stamp paper that the firm possess these equipment)	10 marks	10
14.	Technical Staff	i. Business and Finance Management ii. Relevant Engineers. iii. Diploma Holder/ B-Tech (Attach documents with annex-14)	i.03 marks ii.05 marks iii. 02 marks	10
15.	Authorization Certificate	Manufacturer authorization . (Attach Documentary Proof)	10 marks	10
16.	Bank Statement	(i) Up-to 03 million. (ii) 03-5 Million (iii) 05-10 Million (iv) Above 10 million	i.05 Marks ii.10 Marks iii.15 marks iv.20 Marks	20
17.	Office in Peshawar	Office at Peshawar to provide the Operation & Maintenance at site on urgent basis (Attach Proof).	05 marks	05
18.	Expertise on the same equipment	Maintenance/Repair work on the same equipment (older or newer versions of the same brands will be acceptable)	05 marks	05
		Supply, Installation and testing commissioning of the same equipment or same Brand of equipment	05 marks	05
19.	Software Key	Authorized by manufacturer to owe the software key and exclusive rights to operate the software	05 marks	05
				100

In technical Evaluation 70 % Marks will be passing Marks. Lowest priced among technically qualified bids will be accepted.

II. FINANCIAL BID

To

The Director
Burn and Trauma Centre
Peshawar

1. Annual charges for Maintenance & Services shall be mentioned both in figure and in words.
2. Rates for parts (as mentioned in the requirement & specifications) shall be given in tabular form. Rates shall be inclusive of installation/service and other charges including all taxes & duties on DDP basis.
3. Guaranties/warranties of the parts shall also be mentioned.
4. Model of the parts shall be mentioned.
5. Any other related information shall be mentioned.

SIGNATURE OF CONTRACTOR WITH STAMP

