



**SHAHEED MOHTARMA BENAZIR BHUTTO
INSTITUTE OF TRAUMA - KARACHI**

No: PROC/SMBBIT/2025-26/101

Dated: 18-10-2025

The Director Information (Advertisement),
Information Department,
Government of Sindh,
Barrack No. 96,
Karachi.

Handwritten signature: Azam Naveed
Date: 18/10/25
R&I Information
Advertisement Section
Information Department
Govt. of Sindh, Karachi

SUBJECT: ADVERTISEMENT OF TENDER

Enclosed please find attached herewith seven copies of the following NIT- Reference # **PROC/SMBBIT/2025-26/101, Dated: 18-10-2025** for getting the same printed, in three leading newspapers, preferably Daily DAWN (English), Daily Jang (Urdu)& Daily Kawish (Sindhi) for advertisement as early as possible.

One copy each of the Newspapers containing the advertisement in question may please sent to this department for further action in the matter.

EXECUTIVE DIRECTOR / D.D.O
SMBB INSTITUTE OF TRAUMA, KARACHI

Copy submitted to the following for information and necessary action please;

1. PS to Secretary Health, Government of Sindh, Karachi.



SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA

REF. NO: PROC/SMBBIT/2025-26/101
DATED: 18-10-2025.

TENDER NOTICE

SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHI, INVITES BIDS AS PER BELOW MENTIONED BIDDING PROCEDURES, IN ACCORDANCE WITH THE SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY (SPPRA) RULES (AMENDED TO DATE) THROUGH E-PROCUREMENT ONLINE SUBMISSION FROM THE REPUTABLE FIRMS WHO MUST BE REGISTERED IN EPADS SPPRA AND TAX PAYER WITH APPLICABLE TAX AUTHORITIES (GST, NTN, FBR LIST & SRB) AND HAVING RELEVANT EXPERIENCE AND CAPABILITIES, FROM THE CONTRACTORS / MANUFACTURES / SUPPLIERS / AUTHORIZED DISTRIBUTORS ETC. FOR FINANCIAL YEAR 2025-26.

SCHEDULE FOR ONLINE BID SUBMISSION / ONLINE OPENING OF TENDER:

S. #	TENDER NAME	TENDER FEE	BID SECURITY	ISSUANCE OF TENDER DOCUMENTS	SUBMISSION OF TENDER DOCUMENTS ON EPADS SPPRA	OPENING OF TENDER
1.	PROCUREMENT OF FIRE ALARM SYSTEM, LOGO KARACHI & LARKANA, SIGNAGE WORKS & REVERSE OSMOSIS (RO) PLANT Ref # PROC/SMBBIT/(OTHERS-01)/2025-26 Bidding Procedure: Single Stage One Envelop 46(1)	Rs. 5,000/-	5% of Quoted Amount	From 24-10-2025 To 10-11-2025 Till 09:00 AM	10-11-2025 Upto 10:00 AM	10-11-2025 at 11:00 AM Respectively
2.	PROCUREMENT OF CARDIAC IMPLANTS & OTHER MISC. ITEMS ON FRAMEWORK CONTRACT BASIS (SPPRA RULE 15(B)) Ref # PROC/SMBBIT/(INST-02)/2025-26 Bidding Procedure: Single Stage One Envelop 46(1)	Rs. 5,000/-	5% of Quoted Amount	From 24-10-2025 To 10-11-2025 Till 09:00 AM	10-11-2025 Upto 10:00 AM	10-11-2025 at 11:00 AM Respectively
3.	PROCUREMENT OF INTERVENTIONAL RADIOLOGY IMPLANTS & OTHER MISC. ITEMS ON FRAMEWORK CONTRACT BASIS (SPPRA RULE 15(B)) Ref # PROC/SMBBIT/(INST-03)/2025-26 Bidding Procedure: Single Stage One Envelop 46(1)	Rs. 5,000/-	5% of Quoted Amount	From 24-10-2025 To 10-11-2025 Till 09:00 AM	10-11-2025 Upto 10:00 AM	10-11-2025 at 11:00 AM Respectively
4.	PROCUREMENT OF VASCULAR SURGERY IMPLANTS & OTHER MISC. ITEMS ON FRAMEWORK CONTRACT BASIS (SPPRA RULE 15(B)) Ref # PROC/SMBBIT/(INST-04)/2025-26 Bidding Procedure: Single Stage One Envelop 46(1)	Rs. 5,000/-	5% of Quoted Amount	From 24-10-2025 To 10-11-2025 Till 09:00 AM	10-11-2025 Upto 10:00 AM	10-11-2025 at 11:00 AM Respectively



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8.	EXTENSION OF RENOVATION, RE-MODIFICATION & CONSTRUCTION WORKS FOR SMBBIT & EMERGENCY RESPONSE CENTRE LARKANA & MEDICAL ICU BUILDING AT CMC HOSPITAL LARKANA Ref # PROC/SMBBIT/(LAR-02)/2025-26 Bidding Procedure: Single Stage One Envelop 46(1)	Rs. 10,000/-	5% of Quoted Amount	From 24-10-2025 To 10-11-2025 Till 09:00 AM	10-11-2025 Upto 10:00 AM	10-11-2025 at 11:00 AM Respectively
9.	PROCUREMENT OF MACHINERY & EQUIPMENT WITH SUPPLY, INSTALLATION, TESTING & COMMISSIONING Ref # PROC/SMBBIT/(P&M-01)/2025-26 Bidding Procedure: Single Stage Two Envelop 46(2)	Rs. 10,000/-	5% of Quoted Amount	From 24-10-2025 To 10-11-2025 Till 09:00 AM	10-11-2025 Upto 10:00 AM	10-11-2025 at 11:00 AM Respectively

1. COMPLETE SET OF TENDER DOCUMENTS CONTAINING BOQ, SPECIFICATION AND TERMS & CONDITIONS CAN BE PURCHASED FROM PLANNING & PROCUREMENT DEPARTMENT, 13TH FLOOR, SMBB INSTITUTE OF TRAUMA, CHAND BIBI ROAD, KARACHI THROUGH PAY ORDER OF AS MENTIONED ABOVE EACH IN FAVOUR OF SHAHEED MOHTARMA BENAZIR BHUTTO



SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA

REF. NO: PROC/SMBBIT/2025-26/101

DATED: 18-10-2025.

INSTITUTE OF TRAUMA. UPLOADED TENDER PURCHASE RECEIPT ON (EPADS PORTAL SPPRA) WILL BE CONSIDERED VALID FOR THE QUALIFICATION OF THE BID. FAILURE TO UPLOAD THE TENDER PURCHASE RECEIPT SHALL RESULT IN REJECTION OF THE BID WITHOUT FURTHER CONSIDERATION. TENDER DOCUMENTS CAN ALSO BE DOWNLOADED FROM SPPRA WEBSITE [HTTPS://PORTALSINDH.EPROCURE.GOV.PK](https://portalsindh.eprocure.gov.pk) AND [WWW.SMBBIT.GOS.PK](http://www.smbbit.gos.pk).

2. SUBMITTED BIDS WILL BE **OPEN** THROUGH E-PROCUREMENT ONLINE ON THE SAME TIME AND DAY (MENTIONED ABOVE) AT **13TH FLOOR PLANNING AND PROCUREMENT DEPARTMENT, SMBB INSTITUTE OF TRAUMA, CHAND BIBI ROAD, KARACHI.**
3. THE TENDERS SHALL BE OPENED BY PROCUREMENT COMMITTEE AS PER RULES OF E-PROCUREMENT SPPRA.
4. IN CASE OF HOLIDAY OR ANY INCIDENT, TENDERS WILL BE OBTAINED / SUBMITTED / OPENED ON THE NEXT WORKING DAY AS PER GIVEN SCHEDULE.
5. TECHNICAL AND FINANCIAL PROPOSAL SHALL BE UPLOADED ONLINE ON EPADS SPPRA WEBSITE AS PER SPECIFIED IN THE BIDDING DOCUMENT.
6. **BID SECURITY MUST BE SUBMITTED IN HARD COPY AT THE ABOVE-MENTIONED ADDRESS, IN A SEALED ENVELOPE, FOR EACH TENDER SEPARATELY. THE SUBMISSION DEADLINE IS 28th-10-2025, BY 10:00 AM. THE BID SECURITY SHOULD BE MADE IN FAVOR OF SMBB INSTITUTE OF TRAUMA, KARACHI.**
7. ALL BID(S) SHALL INCLUDE GOVERNMENT TAXES. (IF APPLICABLE).
8. THE DEDUCTIONS IN THE BILLS WILL BE DONE AS PER GOVERNMENT RULES.

EXECUTIVE DIRECTOR / D.D.O
SMBB INSTITUTE OF TRAUMA, KARACHI

A COPY IS FORWARDED FOR INFORMATION TO:

1. NOTICE BOARD

- 3: THE TENDERS SHALL BE OPENED BY PROCUREMENT COMMITTEE AS PER RULES OF E-PROCUREMENT SPPRA.
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EXECUTIVE DIRECTOR/D.D.O
SMBB INSTITUTE OF TRAUMA, KARACHI

INF/KRY/3424/25

I WORK FOR SINDH
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JOB PORTAL BY
INFORMATION DEPARTMENT

BY QUAID-I-AZAM MOHAMMAD ALI JINNAH



DAWN

Wednesday

October 22, 2025

Rabi-us-Sani 28, 1447

KARACHI

Rs 35.00

20 Pages

Vol. LXXIX No. 289

Regd. No. SS-022

www.dawn.com



SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA

REF. NO:
PROC/SMBBIT/2025-26/101
DATED: 18-10-2025.

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www.jang.com.pk

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پاکستان کے سب سے زیادہ پڑھے جاتے ہوئے اخبار

ABC CERTIFIED

WEDNESDAY OCTOBER 22, 2025

روزنامہ جنگ

THE ONLY JANG KARACHI

جنگ

پانی میر خلیل الرحمن

89 روپے

بدھ 28 ربیع الثانی 1447ھ 22 اکتوبر 2025ء

289 نمبر

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INF/KRY/3424/25

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**SHAHEED MOHTARMA BENAZIR BHUTTO
INSTITUTE OF TRAUMA - KARACHI**

No: PROC/SMBBIT/2025-26/106
Dated: 23-10-2025

ok
The Director Information (Advertisement),
Information Department,
Government of Sindh,
Barrack No. 96,
Karachi.

SUBJECT: CORRIGENDUM

Zur Nour
23/10/25

Information Department
Government of Sindh, Karachi

Enclosed please find attached herewith seven copies of the following Corrigendum- Reference # **PROC/SMBBIT/2025-26/106, Dated: 22-10-2025** for getting the same printed, in three leading newspapers, preferably Daily DAWN (English), Daily Jang (Urdu)& Daily Kawish (Sindhi) for advertisement as early as possible.

One copy each of the Newspapers containing the advertisement in question may please sent to this department for further action in the matter.

ok
Suh
EXECUTIVE DIRECTOR / D.D.O
SMBB INSTITUTE OF TRAUMA, KARACHI

Copy submitted to the following for information and necessary action please;
1. PS to Secretary Health, Government of Sindh, Karachi.



SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHI

Ref # PROC/SMBBIT/2025-26/106
Dated: October 23, 2025

CORRIGENDUM

It is hereby notified for information of all interested bidders that in continuation to the Notice Inviting Tender (NIT) No. PROC/SMBBIT/2025-26/101 (dated 18th October 2025) published in Daily Dawn and Daily Jang on 22nd October 2025, having Information Key # INF/KRY/3424/25 the following correction/clarification is hereby made:

Clarification for the above-mentioned NIT:

1. In the said NIT, **point number 6 shall be read as deleted.**
6. **BID SECURITY MUST BE SUBMITTED IN HARD COPY AT THE ABOVE-MENTIONED ADDRESS, IN A SEALED ENVELOPE, FOR EACH TENDER SEPARATELY. THE SUBMISSION DEADLINE IS 28th-10-2025, BY 10:00 AM. THE BID SECURITY SHOULD BE MADE IN FAVOR OF SMBB INSTITUTE OF TRAUMA, KARACHI."**

All other terms and conditions shall remain unchanged as advertised in the said NIT.


EXECUTIVE DIRECTOR / DDO
SMBB INSITUTE OF TRAUMA, KARACHI

Enclosed:

1. ANNEX-I (NIT)
2. ANNEX-II (Advertisement)

Copy Uploaded / Forwarded to concern for information and necessary action, Please;

1. PPMS Website (<https://ppms.pprasindh.gov.pk/>)
2. Procuring Agency Website (www.smbbit.gos.pk)
3. All bidders (who purchased bid from Planning and procurement department)
4. Notice Board.

STANDARD BIDDING DOCUMENT



GOVERNMENT OF SINDH

SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHI

TENDER TITLE	PROCUREMENT OF MACHINERY & EQUIPMENT WITH SUPPLY, INSTALLATION, TESTING & COMMISSIONING
TENDER REFERENCE #	PROC/SMBBIT/(P&M-01)/2025-26

NOTE:

- 1. TENDER FEE: RS. 10,000/-(NON-REFUNDABLE) IN SHAPE OF PAY ORDER IN FAVOR OF SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHI SHOULD SUBMIT TO PROCUREMENT DEPARTMENT IN PROPERLY MARKED SEALED ENVELOPE.**
- 2. IN ALL PROCUREMENTS OF SMBBIT THROUGH ELECTRONIC BID SUBMISSION. IT IS MANDATORY FOR ALL BIDDERS TO GET REGISTERED AT EPADS SPPRA.**
- 3. NO TENDER WILL BE ACCEPTED AFTER CLOSING TIME IN EPADS SPPRA.**
- 4. ALL THE PARTICIPANTS MUST SIGN EACH & EVERY PAGE OF BID DOCUMENTS, ELSE OFFER WILL BE REJECTED.**

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BIDDING DATA SHEET

Procuring Agency	SMBB Institute of Trauma (SMBB-IT)
Address	Chand Bibi Road, Karachi
Name of Tender	PROCUREMENT OF MACHINERY & EQUIPMENT WITH SUPPLY, INSTALLATION, TESTING & COMMISSIONING Ref # PROC/SMBBIT/(P&M-01)/2025-26
Bid Validity	90 Days, as per SPPRA Rule 2010 (Amended till date)
Amount of Bid Security	5% of Total Bid Quoted Price
Amount of Performance Security	10% of Total Contract Price
Last date of Selling of Bid	As per Mentioned in NIT
Date of Submission of Bid	As per Mentioned in NIT
Place of Submission	Electronic Bid Submission at EPADS SPPRA.
Venue of Opening of Bid	13 th Floor Planning & Procurement Department SMBB Institute of Trauma, Karachi
Language of Bid	English
Bidding Procedure	Single Stage Two Envelope Procedure 46(2)
Advance Payment	Not Allowed / As per case
Period of Completion	As per ANNEX-C
Liquidity Damages	0.5% of the bid price per month after the period of Completion up to 10% maximum.
Inspection Authority	Nominated Inspection Committee of SMBB Institute of Trauma, Karachi.
Required Item Quality	All items will be procured on approved Specification basis.
Place of Delivery	Store Department of SMBB Institute of Trauma, Karachi / Trauma Emergency Response Centre Larkana

INSTRUCTIONS TO BIDDERS (I.T.B)

1. Shaheed Mohtarma Benazir Bhutto Institute of Trauma Karachi, invites e-bids through E-Pak Acquisition and Disposable System (EPADS) on CFR/CPT/C&F or DDP Basis (Excluding GST) from the Manufacturers or authorized Agents / Distributors of Manufacturers available on the List of Active Taxpayers of FBR/SRB (whichever is applicable) for the **“Procurement Of Machinery & Equipment With Supply, Installation, Testing & Commissioning”** as per Rule 46(2) of SPP Rules 2010 —Single Stage-Two Envelopes Procedure. Bidding Documents containing detailed Terms and Conditions can be viewed/downloaded from <https://portalsindh.eprocure.gov.pk/#/>
2. **Electronic Bids should be submitted through EPADS only. Manual bids shall not be received. Interested bidders are required to register themselves on the EPAD System at the link <https://sindh.eprocure.gov.pk/#/supplier/registration> for submission of electronic bids.**
3. Bidders are required to check that Tender Documents issued to them are complete in all respects as per table of content.
4. **LANGUAGE OF BID:** The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case for purposes of interpretation of the Bid, the translated version shall prevail.
5. Bidders should examine carefully the table of content. They should visit and inspect the site at their own expense and responsibility and obtain all necessary information prior to submitting the tender. Any detail / specification missing in the document should be obtained from Planning & Procurement Department before bidding. Once the tender is submitted, it will be assumed that no further clarification was required.
6. The original bid shall be typed or written in indelible ink by the bidder or person duly authorized. The person or persons signing the bid shall initial all pages of the bid. The name and designation of each person signing must be mentioned below the signature.
7. No bidder shall be allowed to alter or modify his bid after the bids have been opened. However, the procuring agency may seek and accept clarification to the bids that do not change substances of the bids.
8. The Procuring Agency may reject all bids or proposal at any time prior to the acceptance of a bid or proposal. The Procuring Agency upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposal, but is not required to justify those grounds.
9. The quoted rates shall be **inclusive of all costs and expenses of whatsoever description**, necessary to complete the works in all respects, together with all risks, taxes, duties, levies, liabilities, and obligations — whether specifically stated or implied — in the Tender Documents. In case of any **arithmetical error** detected during evaluation, the tender price shall be **corrected accordingly** as per SPPRA Rules. However,

if such correction **alters the total bid price or results in a change of the bid security amount**, the bid shall be **declared non-responsive and rejected**.

10. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
11. Clarification, revision, addition or deletion, in the tender documents may be made by the authority before the submission and opening of Tender in the form of Addendum/ Corrigendum. This will be made only by formal Addendum/ Corrigendum issued by the concerned authority and will become part of the contract documents. Each Addendum shall be signed by the Vendor and returned with other Tender documents.
12. The entire Tender Documents, listed duly priced, signed & stamped on each page and completed must reach at designated place in due time and dates as defined in the Bidding Data of the Tender.
13. Contractor who will win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
14. All manufactured and other items should be used in the work in accordance with the instructions, specifications in the Tender Document and also in accordance with generally accepted norms of good workmanship.
15. For the purpose of comparison of bids quoted in different currencies, price shall be converted into Pakistani Rupees. The rate of exchange shall be the selling rate prevailing seven working days before the date of opening of the bids, as notified by the National Bank of Pakistan (NBP) / State Bank of Pakistan (SBP).
16. No bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.
17. **PROCURING AGENCY'S RIGHT TO VARY QUANTITIES** The Procuring Agency reserves the right to increase or decrease the quantity of stores originally specified in the Price Schedule and Schedule of Requirements without any change in unit price or other terms and conditions.
18. The Procuring agency's evaluation of a bid will take into account, in addition to the bid price quoted, the following;
 - a) Incidental costs
 - b) Delivery schedule offered in the bid;
 - c) Deviations in payment schedule
 - d) The cost of components, mandatory spare parts, and service
 - e) The availability of spare parts and after-sales services for the equipment offered in the bid;
 - f) The projected operating and maintenance costs during the life of the equipment; the

performance and productivity of the equipment offered; and / or other specific criteria indicated in the Bid Data Sheet and / or in the Technical Specifications.

19. CORRUPT OR FRAUDULENT PRACTICES

- a) The Procuring Agency and the Bidders / Manufacturers / Contractors are expected to observe the highest standard of ethics during the procurement and execution of the Contract. In pursuance of this policy, the relevant terms / phrases as may apply are defined below: **“corrupt practice”** means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and **"fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring Agency of the benefits of free and open competition;
- b) The Procuring Agency will take all possible administrative / legal measures if it is found that the Bidder recommended for award was / is engaged in corrupt or fraudulent practice(s) before or after signing of the contract resulting into the conviction of the proprietor under criminal case besides blacklisting of the firm either indefinitely or for such period of time as may be determined by the Procuring Agency.
- c) Will declare a firm ineligible, either indefinitely or for a stated period of time, for the award of a Contract if it, at any time, determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a Contract.

SALIENT FEATURES

1.	Name of Work & Address	:	Procurement Of Machinery & Equipment With Supply, Installation, Testing & Commissioning Tender Reference No: - PROC/SMBBIT/(P&M-01)/2025-26.
2.	Place of Issuance of Tender	:	Planning & Procurement Department, 13th Floor SMBB Institute of Trauma, Karachi. https://portalsindh.eprocure.gov.pk/#/
3.	Tender Reference #	:	PROC/SMBBIT/(P&M-01)/2025-26.
4.	Method of opening of Tender	:	It will be Single Stage Two Envelope 46(2) basis as per SPPRA Rules 2010 (Amended till date).
5.	Online Bid submission	:	https://portalsindh.eprocure.gov.pk/#/
a.	Opening of Tenders	:	Planning & Procurement Department situated at 13 th Floor of SMBB Institute of Trauma, Karachi.
6.	Date of Opening Financial Proposals	:	As informed by Procurement Committee to all participants
7.	Validity of Tenders	:	90 days as per SPPRA Rules, 2010 (Amended till Date).
8.	Amount of Bid Security	:	5% of the Total Quoted amount in shape of pay-order / Demand draft from any schedule bank to be submitted along with Financial Proposal & a copy should be attached in Technical Proposal without showing the Amount (else the offer will be rejected).
9.	Bid Currencies	:	<ul style="list-style-type: none"> • Prices shall be quoted in PKR on Deliver duty paid (D.D.P) basis also quote C&F price.
10.	Supply of Equipment	:	As mentioned in Schedule of Requirement Annex-C.
11.	Installation Period	:	It will start after receiving of equipment at site.

12.	Warranty & Maintenance Period	:	Warranty & Maintenance period should be start from the date of Installation report which satisfactorily signed by end user / Biomedical engineer. (This period will remain functional till (mentioned in items individually)).
13. (a)	Contract Agreement	:	The Bidder / Contractor shall enter & execute a formal Agreement as per the "Form" annexed with such modification as may be necessary.
(b)	Stamp Paper / duty requirement for Agreement.	:	Rs. @0.35% of the Contract Value or as prescribed by Government Laws.
14.	Terms of Payment to Contractors.	:	<p>Goods supplied on D.D.P:</p> <ul style="list-style-type: none"> • Payment shall be made in Pak Rupees. • The payment will be made to the Bidder within 30 days of the receipt of original delivery challan(s) and invoice(s) in duplicate duly completed in all respect and signed and stamped by the Chairman of the Inspection Committee. The Inspection Committee will prepare and submit a report of physical inspection with a certificate to the effect that the goods conform to the specifications laid down in the bidding documents. <p>Goods supplied on C&F:</p> <ul style="list-style-type: none"> • Incase items are imported and supply orders placed on C&F (Cost, and Freight) basis, Letter of Credit (L.C.) will be opened by Procuring Agency, SMMB Institute of Trauma Karachi as consignee and as per the prevailing rule of same. Performa invoice of the quoted amount on C&F basis of the country of origin along with insurance cover note (PNRA fees) if applicable will also be submitted by the contractor(s).
15.	Insurance	:	The goods supplied under the Contract shall be delivered to the Procuring Agency after the payment of all taxes and customs duty, CESS, Octroi charges etc. Risk will be transferred to the Procuring Agency only After the delivery of these goods has been made to the Procuring Agency. Hence, payment of insurance premium, if any, shall be the responsibility of the Bidder.
16.	Release of Bid Security of 5%	:	For unsuccessful bidders, the Bid Security shall be released after the award of work against the said tender. For the successful bidder, the Bid Security shall be released after issuance of the Purchase Order and upon submission of the requisite Performance Security, as per Salient Feature Sr. #18

17.	Security Deposit / Performance Security	:	The successful bidder will have to deposit the requisite Performance security Bond in shape Pay order (as per amount mentioned in bidding data sheet) This will be released as per salient feature Sr.#18.
18.	Release of Performance / Security Deposit of 10%	:	<ul style="list-style-type: none"> • 5% of Pay order will be released after the satisfactory supply and installation of the equipment. (Bidder will furnish Installation Certificate dully signed by authorized representative at the time of release of Bank Guarantee). • 5% of Partial Pay order will be released after satisfactory completion of warranty / maintenance Period (mentioned in Items individually).
19.	Variation in Contract Price	:	Amount mention in Contract Agreement will prevail till execution and no variation in price shall be allowed on any ground including Currency Fluctuation/ Variation / Devaluation or whatsoever.
20.	Taxes	:	All taxes will be deducted as per prevalent laws of Country.
21.	Approved makes.	:	As mentioned in items individually.
22.	Special Note Regarding Equipment's	:	<p>Technical and/or commercial offers failing to demonstrate compliance with the following requirements shall be rejected:</p> <ol style="list-style-type: none"> a. The quoted system shall be of the latest and most advanced version. b. The bid shall cover the complete equipment as specified in the tender document. c. The bid shall include the complete range of required disposables and kits compatible with the quoted system. d. The bidder shall provide comprehensive technical documentation and specifications to the satisfaction of the end user and the procuring agency. a. e. All quoted items shall be quality-certified or approved by the relevant international regulatory or certification body of the respective industry.
23.	Maintenance.	:	Maintenance cost for all items for Period (mentioned in items individually) from the date of successful Installation shall be undertaken by the Contractor (Maintenance includes all Parts & Labor, etc. with Sufficient staff, during maintenance period).

24.	Default in Preventive Maintenance, Breakdown and Emergency Calls.	:	<ul style="list-style-type: none"> • In case of default by the Contractor with respect to maintenance, break down and emergency calls, the same will be carried out within 24 hours by the Procuring Agency and the cost so incurred will be paid from the Retention Money. • Moreover, an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.
25.	Cost To Be Quoted In B.O.Q.	:	<ul style="list-style-type: none"> • The Contractors shall quote DDP price of the Equipment's including custom clearance etc. and delivering of Equipment at site with Installation & Commissioning cost. • It should also include cost during maintenance period including the parts and maintenance staff. • C&F prices also be needed.
26.	Tax Exemption.	:	<p>Incase Purchase on C&F basis, the required Certificate will be issued by this office that the import has been made for this Institute, so as to avail the facility of exemption of duties / taxes, as per Government Rules / Policy according to the Sindh Public Procurement Rules, 2010 (Amended till date).</p>
27.	Transportation	:	<p>The Bidder shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.</p> <p>The goods shall be supplied on "D.D.P. & C&F" Basis at the SMBB Institute of Trauma, Karachi. Miscellaneous charges on logistics, transportation, Insurance, clearing from sea port / airport will also be paid / bear by the contractor(s).</p>
28.	Supply, Installation, Testing & Commissioning	:	<p>Means all types works related to civil, furniture, plumbing, electrical, HVAC, UPS or etc. any type of work which is needed related to proper functioning of supplied equipment will completely responsibility of bidder / contractor.</p> <p>Bidder / Contractor shall visit & inspect the site at their own expense and obtain all necessary information prior to submitting the tender. Any detail or information required should be obtained from Planning & Procurement Department before bidding. Once the tender is submitted, it will be assumed that no further clarification was required.</p>

TERMS & CONDITIONS OF TENDER

- a) The registered Contractors / Suppliers / Manufacturers / Authorized Distributors should attach **BID SECURITY** (as per amount mentioned under **Bidding Data**) in shape of Bank Draft / Pay order issued from any scheduled Bank of Pakistan in favor of **SMBB Institute of Trauma Karachi A Bid Security in the form of a pay order from a scheduled bank must be submitted in favor of Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT) before the bid opening at EPADS SPPRA**. However, copy of same should be attached in technical proposal without showing the amount failing so the offer will be rejected.
- b) **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Pay Order in favor of **SMBB Institute of Trauma, Karachi (as per mentioned in salient features of this bidding document point # 17)**. The same will be released after successful completion of contract period **as per point# 18 of salient features**.
- c) Bid / offer will be evaluated as per (**Technical Evaluation Criteria** Mandatory as **Annex-A** and (**Technical Evaluation Criteria** Marking as **Annex-B**) and also the bid's Terms & Conditions.
- d) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax.
- e) The firm will be responsible for all supply of all awarded items to Store Department of SMBB Institute of Trauma, Karachi / Trauma Emergency Response Centre Larkana / As per supply order. If it fails, the Security Deposit will be forfeited.
- f) Procuring Agency shall disqualify a contractor, whether pre-qualified or not, if it finds at any time, that the information submitted by him concerning his qualification and professional, technical, financial, legal, or managerial competence as contractor was false and materially inaccurate or incomplete at any stage.
- g) The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract in stipulated time if the bid is accepted.
- h) Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.

- i) The Procuring Agency may reject all or any bid at any time prior to the acceptance of a bid or proposals, subject to the relevant provision of SPP Rules, 2010 (Amended till date).
- j) Bids shall remain valid for 90 days after the date of bid opening and same may be extended in terms of Rule 38 (2) (3) (4) of SPPRA Rules.
- k) No tender will be entertained without Security deposit. The Security deposit will be forfeited, in case of non-submission of Performance security within seven (7) days of receipt of letter of Acceptance.
- l) If the supplier fails to give supply and install within the stipulated period, liquidity charges will be imposed (**as per amount mentioned in bidding data sheet**).
- m) If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in Bidding Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof delay until actual delivery or performance, up to a maximum deduction of the percentage specified in Bidding Data. Once the maximum is reached, the Procuring agency may consider termination of the Contract.
- n) The quoted rates should be valid till **30th June 2026**; Orders will be placed as per requirement on receiving demand from the concern department of Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi.
- o) The bidders shall quote their full and final price both in figure and in words on free delivery basis to Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi.
- p) Distributor once nominated by the manufacturer / importer will be for the whole contract period and manufacturer / importer cannot change its distributor during the contract period in any case.
- q) The Procuring agency reserves the right at the time of contract award to increase / decrease & delete, the items / quantities of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.
- r) Quantities of tender items are on estimated basis and could vary according to the amount sanctioned, released and as per discretion of Procurement Committee.

I / We agree to above mentioned Terms & Conditions:

Name of Contractor: _____ Signature: _____

CNIC#. (Copy must be attached): _____

Full Address: _____

Company Stamp: _____

GENERAL CONDITIONS OF CONTRACT (G.C.C)

1. **Definition:** In this Contract, the following terms shall be interpreted as indicated:
 - a) **"The Contract"** means the agreement entered into between the Procuring Agency and the Bidder, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein
 - b) **"The Contract Price"** means the price payable to the Bidder under the Contract for the full and proper performance of its Contractual obligations.
 - c) **Goods** means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Agency under the Contract.
 - d) **Related Services** means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance, printing of special instructions on the label and packing, design and logo of the Procuring Agency, transportation of goods up to the desired destinations and other such obligations of the Bidder covered under the Contract.
 - e) **"GCC"** mean the General Conditions of Contract contained in this section.
 - f) **"SCC"** means the Special Conditions of Contract.
 - g) **"The Procuring Agency"** means the Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi.
 - h) **"The Bidder"** means the individual or firm supplying the goods under this Contract.
 - i) **"Day"** means official working day excluding national holidays.
2. **APPLICATION:** These General Conditions shall apply to the extent that they are not inconsistent with provisions of other parts of the Contract.
3. **STANDARDS:** The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications goods eligibility criteria.
4. **USE OF CONTRACT DOCUMENTS AND INFORMATION:**
 - a) The Bidder shall not without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern; sample, or information furnished by or on behalf of the Procuring Agency in connection there with, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to such employed person shall be made in confidence and shall extend only, as far as may be necessary, to such performance and not further or otherwise.
 - b) Any document, other than the Contract itself, shall remain the property of the Procuring Agency and shall be returned (all copies) on completion of the Bidder's performance under the Contract.
 - c) The Bidder shall permit the Procuring Agency to inspect the Bidder's accounts and records relating to the performance of the Supplies.
5. **PATENT RIGHTS:** The Bidder shall indemnify the Procuring Agency against all third- party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.
6. **ENSURING STORAGE ARRANGEMENTS:** To ensure storage arrangements for the intended supplies, the Bidder shall inform the Procuring Agency at least two weeks prior to the

arrival of the consignments at its store/warehouse. However, in case no space is available at its store/warehouse at the time of supply, the Procuring Agency shall, seven days prior to such a situation, inform the Bidder, in writing, of the possible time-frame of availability of space by which the supplies could be made. In case the Bidder abides by the given time frame, he will not be penalized for delay.

7. INSPECTIONS, TESTS AND TRAINING:

- a) The Procuring Agency or its representative shall have the right to inspect and/or test the goods to confirm their conformity to the Contract specifications at the cost payable by the Bidder.
- b) The Procuring Agency's right to inspect, test and, where necessary, reject the goods either at Bidder's premises or upon arrival at Procuring Agency's destinations shall in no way be limited or waived by reasons of the goods having previously been inspected, tested, and approved by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.
- c) Bidder shall provide the training to the designated staff of the SMBB Institute of Trauma, Karachi for the smooth operation of the equipment / instruments. Training plan should be attached with the offer.

8. DELIVERY AND DOCUMENTS: The Bidder shall in accordance with the terms specified in the Schedule of Requirements make delivery of the goods.

9. INSURANCE: The goods supplied under the Contract shall be delivered to the Procuring Agency after the payment of all taxes and customs duty, cess, octroi charges etc. Risk will be transferred to the Procuring Agency only after the delivery of these goods has been made to the Procuring Agency. Hence, payment of insurance premium, if any, shall be the responsibility of the Bidder.

10. TRANSPORTATION:

- a) The Bidder shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.
- b) The goods shall be supplied on “D.D.P & C&F” Basis at SMBB Institute of Trauma, Karachi / Trauma Emergency Response Centre Larkana / As per Supply order Store Department as per Schedule of Requirements on the risk and cost of the Bidder. Transportation including loading / unloading of goods shall be the responsibility of Bidder.

11. INCIDENTAL SERVICES: The Bidder will be required to provide to the Procuring Agency incidental services the cost of which should be included in the total bid price.

12. WARRANTY / GUARANTEE:

- a) **The term period of warranty / guarantee (mentioned in items specification individually)** from the date on which the Stores have been put into operation and demonstrated to the Institute staff. In any case this period shall not exceed six months beyond the warranty expiration period from the date of taking-over of goods.
- b) During the period of warranty / guarantee, the Contractor shall remedy, at his / her expense, all defects in design, materials, and workmanship that may develop or are revealed under normal use of the goods upon receiving written notice from the Institute; the notice shall indicate in what respect the goods are faulty.

- c) The provisions of this Clause include all the expenses that the Contractor may have to incur for delivery and installation of such replacement parts, material and equipment as are needed for satisfactory operation of the goods at the SMBB Institute of Trauma, Karachi premises.
 - d) The contractor shall provide warranty / guarantee for supply of Machinery / Equipment etc. for at least 05 years (where applicable).
 - e) **The bidder shall separately quote the price of service contract inclusive of parts as well as excluding the parts for 5 years (post warranty / guarantee period) in term of %age for total contract value.**
 - f) In case of consumable items, kits, chemicals, films etc. the contractor shall remain responsible for specificity, efficacy & sensitivity with maximum period of expiry as much allowed by manufacturer.
 - g) The Procuring Agency shall promptly notify the Bidder in writing of any claims arising out of this warranty.
- 13. PAYMENT:** The method and conditions of payment to be made to the Bidder under the Contract are specified in **Salient Feature point # 14.**
- 14. ASSIGNMENT:** The Bidder shall not assign, in whole or in part, its obligations to perform to another party under this Contract, except with the Procuring Agency's prior written consent.
- 15. DELAYS IN THE BIDDER'S PERFORMANCE:** Delivery of the goods shall be made by the Bidder in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements
- a) If at any time in the course of performance of the Contract, the Bidder encounters anything impeding timely delivery of the goods, he shall promptly notify the Procuring Agency in writing of the causes of delay and its likely duration. As soon as practicable, after receipt of the Bidder's notice, the Procuring Agency shall evaluate the situation and may, depending on merits of the situation, extend the Bidder's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by a supplementary Contract to be treated as an addendum to the original contract.
 - b) Any undue delay by the Bidder in the performance of its delivery obligations shall render it liable to the imposition of liquidated damages.
- 16. PENALTIES / LIQUIDATED DAMAGES:** In case deliveries are not completed within the time frame specified in the schedule of requirements / contract, a Show Cause Notice will be served on the Bidder which will be following by cancellation of the Contract to the extent of non - delivered portion of installments. No supplies will be accepted and the amount of Performance Guarantee / Security to the extent of non-delivered portion of supplies of relevant installments will be forfeited. If the firm fails to supply the whole installments, the entire amount of Performance Guarantee/Security will be forfeited to the Government Account and the firm will be blacklisted at least for two years for future participation in bids: The liquidated damage shall be 0.5 % per month or part thereof. The maximum amount of liquidated damages shall be 10% of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Agency shall rescind the contract, without prejudice to other courses of action and remedies open to it.

- 17. TERMINATION FOR DEFAULT:** The Procuring Agency may, without prejudice to any other remedy for breach of Contract, by a written notice of default sent to the Bidder, terminate this Contract in whole or in part if:
- a) the Bidder fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency;
 - b) the Bidder fails to perform any other obligation(s) under the Contract to the satisfaction of the Procuring Agency; and
 - c) The Bidder, in the judgment of the Procuring Agency, has engaged itself in corrupt or fraudulent practices before or after executing the Contract.
- 18. FORCE MAJEURE:** The Bidder shall not be liable for forfeiture of its Performance Guaranty/ Bid Security, or termination / blacklisting for default if and to the extent that this delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this Clause Force Majeure means an act of God or an event beyond the control of the Bidder and not involving the Bidder's fault or negligence directly or indirectly purporting to mal-planning, mismanagement and /or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Bidder shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee, constituted for redressing grievances, will examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.
- 19. TERMINATION FOR INSOLVENCY:** The Procuring Agency may at any time terminate the Contract by giving written notice of one-month time to the Bidder if the Bidder becomes bankrupt or otherwise insolvent. In that event, termination will be without compensation to the Bidder, provided that such termination will not prejudice or affect any right or remedy which has accrued or will accrue thereafter to the Parties.
- 20. ARBITRATION AND RESOLUTION OF DISPUTES:**
- a) The Procuring Agency and the Bidder shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the Contract.
 - b) If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Bidder have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration.
 - c) In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator to be appointed with the approval of the Institute's BOG. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties.

21. PACKING:

- a) The Bidder shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- b) The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements.

22. GOVERNING LANGUAGE: The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

23. APPLICABLE LAW: This Contract shall be governed by the laws of Pakistan and the courts of Karachi - Pakistan shall have exclusive jurisdiction.

24. Bidder offering radiology equipment failing under compliance with Pakistan Nuclear Regulatory Authority (PNRA) should be registered with the authority to install and commission. All expense / fees for PNRA for clearance of X-ray based equipment shall be borne by the supplier (where applicable).

25. Delivery and Documents

The supplier shall deliver the goods to the designated store or warehouse of Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT), Karachi in accordance with the terms of delivery and payment specified in the purchase order — either Delivery Duty Paid (DDP) for local supplies or through Letter of Credit (L/C) for imported goods.

The following documents must be provided in duplicate at the time of delivery:

For Local (DDP) Deliveries:

- i. Original Delivery Challan showing item description, model, quantity, lot/batch number, registration number, expiry date (if applicable), and serial number (if applicable).
- ii. Original Invoices showing item details, quantities, unit and total prices.
- iii. Sales Tax Invoices (where applicable).
- iv. Manufacturers or Bidder's Warranty Certificate.
- v. Inspection Certificate issued by the nominated inspection committee.
- vi. Certificate of Origin.
- vii. Operator's Manual, Technical Manual, Service Manual, and Spare Parts Catalogue.

For Imported Deliveries (L/C-based):

- i. Supplier's Invoice showing goods description, quantity, unit price, and total value.
- ii. Bill of Lading or Air Waybill.

- iii. Packing List identifying contents of each package.
- iv. Insurance Certificate covering transit risk up to delivery at SMBBIT Karachi.
- iv. Inspection Certificate (if applicable) issued by SMBBIT's nominated inspection authority.
- v. Certificate of Origin and Manufacturer's Warranty.
- vi. Operator, Technical, and Service Manuals with complete documentation.

The supplier shall notify SMBBIT at least one (01) week prior to shipment or delivery. Failure to provide documentation or advance intimation may result in rejection or delayed payment processing.

26. Delivery, Delays, damages & termination:

a) Delivery Timeline:

The supplier shall deliver all goods and complete the required services strictly within the time period mentioned in the schedule of Requirement or purchase order.

b) Delay Notification:

In case of any expected delay, the supplier must immediately inform the procuring agency in writing, stating the reason and expected duration of the delay. The procuring agency may, at its discretion, extend the delivery time with or without penalty, through written approval.

c) Late Delivery / Penalty:

If the supplier fails to deliver the goods or services within the specified time (without approved extension), a penalty (liquidated damages) shall be deducted from the total contract amount as per the rate mentioned in the bidding date point liquidity damages in tender or purchase order.

d) Maximum Penalty & Contract Termination:

If the maximum penalty limit is reached or the delay continues beyond an acceptable period, the procuring agency reserves the right to terminate the contract and arrange the goods or services from another source at the supplier's cost.

e) Unsatisfactory Performance:

The procuring agency reserves the right to terminate the contract if the supplier fails to perform any obligation under the contract or provides substandard goods or services.

I / We agree to above mentioned General condition of Contract (GCC):

Name of Contractor: _____ Signature: _____

CNIC#. (Copy must be attached): _____

Full Address: _____

Company Stamp: _____

(ANNEX-A)

TECHNICAL EVALUATION CRITERIA (MANDATORY)

(Bidders are required to submit following documents in mentioned sequence with Proper Tagging)

S.#	MANDATORY REQUIREMENTS	YES	NO
1.	Compliance of Terms & Conditions / Instructions mentioned in the SBD, must submit the entire STANDARD BIDDING DOCUMENTS , duly signed & stamped on each page with Technical Proposal. 1. Attached authorized person CNIC copy. 2. Signed & stamped each and every page of Terms & Condition & all bidding documents. (If above points compliance not found offer will be rejected).		
2.	Compliance to the Technical Specifications and Requirements.		
3.	Compliance to bid validity period attached consent on company's letter head / E-Stamp paper valued Rs. 100/-		
4.	Compliance to Delivery Schedule as per Annexure-C consent on company's letter head / E-Stamp paper valued Rs. 100/-		
5.	Compliance to Payments, Terms & conditions, Salient Features consent on company's letter head / E-Stamp paper valued Rs. 100/-		
6.	Item-wise / Feature-wise product compliance / deviation sheet / statement duly sign and stamped must be attached.		
7.	Catalogue / Brochures / technical data sheet (having complete technical specifications of the offered good).		
8.	Valid Manufacturer Authorization: Original Equipment Manufacturers (OEM) or OEM's Authorized Distributors / Sole Agents in Pakistan for last 3 years are allowed to participate in the bidding process.		
9.	The manufacturer must furnish documentary evidence affirming their status as the original equipment manufacturer (OEM) of the quoted product, along with specific details regarding the manufacturing location.		
10.	Income Tax & GST Registration Certificates (with Active Taxpayer Status on FBR website).		
11.	DRAP license showing importer of medical devices or proof of on-going process for registration. (Where applicable)		
12.	Copy of Professional Tax 2025-26 (Attach Copy of Valid Certificate)		
13.	PNRA Registration Certificate (Where Applicable)		
14.	Income Tax Returns for the last 3 years must be attached as supporting documents for the verification of the turnover.		
15.	Company Profile		
16.	Recent Bank Account Maintenance Certificate.		
17.	Undertaking on e-stamp paper of Rs. 100/- to the effect that: i. The bidder is neither blacklisted nor suspended by any National / International, including Provincial and Federal Government. ii. Any director or owner of the bidding company is not awarded any punishment from any Court of Law.		

	<p>iii. Bidder has submitted the correct and complete information along with the bid/offer. If any document / information is found forged / engineered / fake / bogus at any stage, the bidder may be declared as Blacklisted in accordance with law and the performance guarantee and payment, if any may be forfeited.</p> <p>(Sample form attached as Annexure-K add above all three points must be included).</p>		
18.	Bidder already providing services at SMBB-IT, Karachi should obtain & attach a satisfactory performance certificate from competent authority of SMBB Institute of Trauma, Karachi (for the financial year in which the bidder last provided its services).		
19.	Human Resource including detail of Technical Team (Educational & Training Certificates to be attached) and Workshop details.		
20.	List of Installation of quoted equipment or equipment having the better specifications (Documentary evidence must be attached).		
21.	Scanned Copy of the Bid Security Pay Order should be attached without showing the amount along with technical E-Bid document. The original pay order, in a sealed envelope, must be submitted to the Planning & Procurement Department, SMBBIT, prior to opening of Technical Bid.		
22.	The Bid Form & Price Schedule(s) shall be inserted in the Financial Proposal. However, a copy of the same shall be inserted in the Technical Proposal after hiding the amount.		
23.	<p>Tender Purchase Receipt (Mandatory Requirement).</p> <p>All bidders are required to upload the Tender Purchase Receipt along with the bid documents on the EPADS (SPPRA Portal).</p> <p>Important Note:</p> <ul style="list-style-type: none"> • Pay Orders will not be accepted on the day of bid opening. • Only the uploaded Tender Purchase Receipt will be considered valid for the qualification of the bid. • Failure to upload the Tender Purchase Receipt shall result in rejection of the bid without further consideration. <p>Tender purchases made as per notice inviting tender (NIT).</p>		

- The bids not responsive to the MANDATORY QUALIFICATION CRITERIA provided above shall not be eligible for further Technical Evaluation.
- Joint Venture / Consortium Bids, Conditional Bids, Telegraphic Bids, Bids not accompanied by Bid Security of required amount and form, bids received after specific date and time and bids of Black Listed firms shall be treated as rejected / non-responsive.
- Alternative bids shall not be allowed.

(ANNEX-B)

BID EVALUATION CRITERIA (MARKING)

- a. **THE BIDS SHALL BE EVALUATED ON MOST ADVANTAGEOUS BID BASIS** SPPRA Rule-2(x) amended till date.
- b. The bids which are not responsive to the **MANDATORY QUALIFICATION CRITERIA** provided at **Annexure-A** shall not be eligible for further Technical Evaluation.
- c. The bids shall be evaluated and compared on The bids shall be evaluated and compared on itemized basis OR on the basis of a group of similar nature goods OR goods compatible with each other.
- d. Technical evaluation of the products will be assessed on the standards / specifications given at **ANNEXURE - E**.
- e. **Bids are invited as per Single Stage – Two Envelope Procedure** in accordance with sub rule 2 of rule 46 of the Sindh Public Procurement Rules, 2010 (Amended till Date). In case, any bidder encloses the financial bid within the technical bid, the same shall be rejected summarily.
- f. The following merit point system for weighing evaluation factors / criteria will be applied for technical bids / proposals. Bidders achieving **minimum 70% marks** will be qualified and considered only for further process / evaluation besides compliance of all mandatory clauses. Documentary evidence must be attached in support of your claim.
- g. Technically qualified/successful bidder(s) shall be eligible for Financial Proposal(s). The Financial bids shall be opened in the presence of the Bidders at the scheduled date, time and venue communicated in advance.
- h. Financial Bids of Proposals of Technically disqualified / rejected bidders will not be opened for financial bid and sealed bid security envelope shall be returned to the bidder.
- i. Bids not accompanied by the Bid Security of required amount in the form of pay order shall be rejected.
- j. The technical evaluation carried out by the Procurement Committee, SMBB Institute of Trauma, Karachi will be final, which will be assessed on experience basis of the Consultant(s) in the relevant specialty.
- k. Procuring Agency shall not be responsible for any erroneous calculation of taxes and all differences arising out shall be fully borne by the Successful Bidder.
- l. Only those Financial Proposals shall be announced / considered which were technically qualified by the Committee. Therefore, bidders are advised to give separate sealed envelope (s) of every quoted item and should mention the name of the item and tender serial number on the front of the sealed envelope in **BOLD and legible letters** to avoid confusion, otherwise, the Financial Proposal Envelope will be opened on qualified item basis and it will not be challenged by the bidder that procuring agency has opened the Financial Proposal of the disqualified items besides qualified items.

- m. The price shall be converted into Pakistani Rupees to compare bids quoted in different currencies. The rate of exchange shall be the selling rate prevailing seven working days before the date of opening of the bids, as notified by the National Bank of Pakistan (NBP) / State Bank of Pakistan (SBP).
- n. Marks obtained in the detailed technical evaluation will be carried forward band prorated. Tender will be awarded to the Responding Organization with maximum accumulative points (**Technical Score + Financial Score**).
- o. The formula for technical scoring is “**Technical Marks / Score = Total Technical Marks of the respective bidder x 0.7**”.
- p. The formula for financial scoring is that the lowest bidder gets 30% Marks and the other bidders score 30 multiplied by the ratio of the lowest bid divided by the quoted price.

Total Allocable marks for Technical Proposal = 70
 Total Allocable marks in Financial Proposal = 30

Total Combined Allocable Score for individual bids = Marks obtained in Technical Evaluation +
 Marks obtained in Financial Evaluation = 100

EXAMPLE:

TECHNICAL EVALUATION

The formula to calculate the technical points / marks / score of the bidder is given below:
 Technical Marks / Score = Total Technical Marks of respective bidder x 0.7

- **Solved Example of Financial Scoring:**

Technical scoring out of 100 = 85
 Carried Forward & Prorated Technical scoring = 85 x 0.70

FINANCIAL EVALUATION

The formula to calculate the Marks for the price by the bidders other than lowest bidder is given below:

- **Financial Evaluation Score of individual quoted Product:**

= [Lowest quoted price of the item ÷ Next higher proposed price of the competing item] x Total Allocable financial score

- **Solved Example of Financial Scoring:**

If the lowest quoted price of an item is Rs. 86/- the same lowest will obtain score as below:

= [86 ÷ 86] x 30 = 30
 = 30 marks being the lowest bidder for the quoted item

If the next higher quoted price of the same item is Rs. 105/- the marks obtained will be:

= [86 ÷ 105] x 30 = 24.57

If the next higher quoted price of the same items is Rs. 130/- the marks obtained will be:

= [86 ÷ 130] x 30 = 19.84 Marks and so on

ANNEXURE-B

BID EVALUATION CRITERIA (MARKING)

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.**

S#	PARAMETERS / SUB-PARAMETERS	Marks for Evaluation	Total Marks
1	Conformity to the Purchaser's Specifications (Mandatory)		40
1.1	Fully compliant with the required tender specifications (Product demonstration, previous technical / support experience of the product / firm may also be considered for technical evaluation)	40	
1.2	Compliant with minor deviation (up to 10 % subject to main function is not affected)	30	
1.3	Above 10% / Non-compliant to required specifications.	Disqualify	
2	Trained Product specialist		10
2.1	Two (02) marks will be awarded for each Foreign-Trained Graduate Engineer (PEC-registered in Sindh) who has received Factory/OEM-level service training for the quoted product. Proof of travel documents and training certificates must be attached. Online training will not be accepted. (Attached Proof of travel document and training certificate, online training is not acceptable)	6	
2.2	Two (02) marks will be awarded for each Foreign-Trained Technical Specialist (Diploma/B.Tech or Science Graduate) who has received OEM-level service training for the quoted product. Proof of travel documents and training certificates must be attached. Online training will not be accepted (Attached Proof of travel document and training certificate, online training is not acceptable)	4	
3	Manufacturer's Authorization		10
3.1	Participating Firm is OEM direct representative (not agent / distributor) and has registered branch / Liaison office in Pakistan or the Sole distributor for more than 10 years. (Authorization certificate attested by embassy must be provided)	10	
3.2	Sole Authorized Distributor in Pakistan for last 5 Years (Authorization certificate attested by embassy must be provided)	8	
3.3	Sole Authorized Distributor for complete modality in Sindh / Pakistan for last 3 Years or the validity of authorization since issuance is of 3 years (Authorization certificate attested by embassy must be provided)	5	
3.4	Sole Authorized Distributor for limited product in Sindh / Pakistan for below 3 Years or the validity of authorization since issuance is of below 3 years.	0	
4	Human Resource (Technical Staff)		6

4.1	One (01) mark will be awarded for each Graduate Engineer possessing valid PEC registration in Biomedical, Electronics, Mechatronics, Mechanical, or Industrial Engineering. A copy of the PEC registration card and the relevant degree must be submitted as proof.	4	
4.2	(0.5) mark will be awarded for each technical staff member holding a Diploma of Associate Engineer (DAE) or Bachelor of Technology (B.Tech) in Biomedical, Electrical, Electronics, Mechatronics, Mechanical, or Industrial Technology. Copies of DAE or B.Tech certificates must be provided with the bid.	2	
S#	PARAMETERS / SUB-PARAMETERS	Marks for Evaluation	Total Marks
5	Networking		4
5.1	Networking setup across Pakistan (1 mark for each setup) (Proof of Registered office must be provided)	4	
6	Experience/ Performance		10
6.1	Product Relevant Experience / Product Previous Satisfactory Performance certificate of at least 03 public hospitals having minimum 5 years' Experience along with Installation Report and Supply order / Purchase Order of the firm in last 5 years, on letter head, signed and stamped by the Head of institution / Concern Officer of public sector. One mark for each after sale satisfactory performance certificate.	5	
6.2	Product Relevant Experience / Product Previous Satisfactory Performance certificate of at least 03 reputable private tertiary care level hospitals having minimum 5 years' Experience along with Installation Report and Supply order/ Purchase Order of the firm in last 5 years, on letter head, signed and stamped by the Head of institution / Concern Officer of private sector. One mark for each after sale satisfactory performance certificate.	5	
7	Annual Turnover during last three (03) financial years (Audited Statements of Accounts and Income Tax Return Forms must be attached as supporting documents)		10
7.1	Turn over above PKR 1 Billion	10	
7.2	Turn over above PKR 500 million	7	
7.3	Turn over above PKR 150 million	5	
7.4	Turn over above PKR 50 million	3	
7.5	Turn over below PKR 50 million	0	
8	Bonus points (Free of Cost Extended Warranty) (In accordance with the comprehensive warranty period including all parts).		10
8.1	Free of Cost Extended Warranty for Two Years.	10	
8.2	Free of Cost Extended Warranty Period for One year	5	
	GRAND TOTAL		100

SCHEDULE OF REQUIREMENT

PROCUREMENT OF MACHINERY & EQUIPMENT
WITH SUPPLY, INSTALLATION, TESTING &
COMMISSIONING

A. GOODS SUPPLIED ON (DDP & C&F BASIS)

The entire quantity of the ordered goods shall be delivered within **12 Weeks** or earlier from the date of issuance of supply order / contract award or Establishment of LC.

- i. The delivery period shall start from the date of Award of Contract / Contract Agreement.

Place of Delivery: SMBB Institute of Trauma (SMBBIT), Karachi. / Trauma Emergency Response Centre Larkano.

SPECIAL NOTE

1. Offered product's specifications sheet on company's letter head must be attached.
2. Item-wise / Feature-wise product compliance / deviation statement must be attached.
3. **Confirm delivery period must be specified.**
4. Port of Shipment and Country of origin of **“MAJOR PART(S) OF THE EQUIPMENT”** must be clearly reflected separately in the Technical and Financial bids. The Origin means the place where the —goods are mined, grown, or produced.
5. Product specifications are only for widest possible competition and not to favor any single contractor or supplier nor put others at a disadvantage. However, the brand name, catalogue # / Name etc., if any, have only been used for the reference purpose. Equipment offered **“ATLEAST EQUIVALENT OR HAVING BETTER SPECIFICATIONS”** shall also be considered.
6. Equipment must be quoted with all the standard accessories, required for the operation of the equipment.
7. Quoted equipment should be of latest Model.
8. **UPS / Power protection for the equipment shall be incorporated in the systems and also included in bid amount (where applicable).**
9. **All the civil works and allied services will be carried-out by the bidder with the consultation of the Procuring Agency (if required) cost of all types of works included in bid amount.**
10. **All site-specific work to be required in the system viz. Lead Glass / special antistatic flooring, environment control / radiation protection must be included bidder quote (where applicable).**
11. **The bidder shall separately quote the price of service contract inclusive of parts as well as excluding the parts for 5 years (post warranty / guarantee period) in term of %age for total contract value (mandatory).**

I / We agree to above mentioned all clauses;

Name of Contractor: _____ Signature: _____

CNIC#. (Copy must be attached): _____

Full Address: _____

Company Stamp: _____

**PROCUREMENT OF MACHINERY & EQUIPMENT
WITH SUPPLY, INSTALLATION, TESTING &
COMMISSIONING**

**PRICE SCHEDULE FOR SMBB INSTITUTE OF TRAUMA,
KARACHI.
DURING THE FINANCIAL YEAR 2025-26**

Item #	Item Name or Specification	Req. Qty.
01	<p>Microscope for Plastic Surgery</p> <p>Specifications</p> <ol style="list-style-type: none">1. Microscope mounted on a swivable and tiltable suspension system2. Mobile floor stand with lock-in provision and electronic brake system for stability and safety3. Rotatable articulated joint arms providing smooth and balanced positioning4. Adequate overhead clearance for unrestricted movement during surgery5. Effortless positioning in all directions through ergonomic handles with integrated hand controls for all main microscope functions6. Automatic balancing system for stable operation7. Active vibration damping system, optionally enhanced by robotic or dynamic stabilization8. Auto-drape or equivalent function for sterile draping9. Motorized XY movement with adjustable speed10. Motorized fine focusing and variable internal focal length, approximately 200–625 mm, via front lens11. Motorized zoom system, minimum 1:6 ratio, with variable speed control <p>Illumination System:</p> <ol style="list-style-type: none">1. Illumination Control / Transmission: Fiber-optic illumination or equivalent optical system with automatic adjustment of light intensity and luminous field based on magnification and working distance2. Light Source: Integrated LED or fiber-optic light source, providing natural color rendering, uniform brightness, and long service life <p>Optical System:</p> <ol style="list-style-type: none">1. Provision for enhanced visualization of the surgical region with improved depth-of-field2. Tilttable and foldable binocular eyepiece head (0°–180°) with interpupillary distance (IPD) adjustment3. Wide-angle eyepieces, minimum 12.5x, with dioptric adjustment (two pieces)4. Integrated beam splitter for connection of documentation and co-observation accessories	01 Unit

Control & Accessories

1. Footswitch control unit, minimum 14 programmable functions, waterproof, wired or wireless type
2. One set of sterilizable caps
3. Protective dust cover
4. Operable on 220 V AC, 50 Hz power supply

Imaging & Documentation System

1. Integrated high-definition color video camera (minimum Full HD 1080p resolution or better) built into or attachable to the optical head
2. Integrated touch-screen monitor for real-time image viewing
3. External HD video recorder for recording on USB or equivalent media
4. Stereo co-observation head with adjustable three-axis inclination, straight binocular tube, and 12.5× eyepieces

Optional item for 40x zoom (must be quoted separately)

Foldable (Tiltable and Retractable) eyepiece head (binocular tube) 0 to 180° with IPD adjustment, integrated switching mechanism (f = 170 / 260mm) for magnification / field of view and 360° rotation

Power Requirement:

- **Line voltages:100-240VAC**
- **Line Frequency: 50/60 Hz**

Requirement:**Certification:**

- System should have Certification FDA 510(k)/CE/JIS/MHLW/JQAO

Warranty and Maintenance Period:

- Warranty Period required 3 years with maintenance and parts replacement.
- All the parts are included in the warranty. (LED, Display, camera, recorder, footswitch, Binocular eye piece, footswitch and all others parts are included)
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.
- Down Time:
- If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% → No Down Time

Below 90% → 1.5 days increase daily

Below 75% → 3.5 days increase daily

Below 50% → 5 days increase daily

	<p>Trainings & Manual:</p> <ul style="list-style-type: none"> • Operating and service manual with troubleshooting and circuit diagram must be provided. • In house operator training session for end user. • In house service training session by Principal Certified resource • Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Note: Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p> <p>COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
02	<p>BATTERY OPERATED ORTHO DRILL WITH ATTACHMENTS</p> <ol style="list-style-type: none"> 1. Researchable Battery with 2 hours or more battery backup; 2. Lid for battery 3. Charge status display 4. Maximum Speed 1000 or more rpm 5. Maximum Torque: 5 Nm or better 6. Temperature and current Sensitive over load Protection 7. Light weight preferably less than 1.5 kg including battery and lid 8. Sterile Cover 9. Universal Battery Charger for same manufacturer with status indication 10. Drill Chuck, with key, clamping range up to Ø 7 mm or better Speed: approx. 1200 or more rpm Chucking range: 0.5–7.0 mm or better Cannulation: 4 mm or better 11. Screw Attachment, with AO/ASIF Quick Coupling Speed: approx. 250 rpm or better Cannulation: 4 mm or better 12. Attachment for Acetabular and Medullary Reaming Speed: approx. 250 rpm or better Cannulation: 4 mm or better 13. Quick Coupling for Kirschner Wires Ø 0.6 to 4 mm or better 1200 Rpm or better 14. Sagittal Saw Attachment Frequency: Approx. 13000 rpm or better Deflection: approx. 4.0° or better <p>Accessories:</p> <ol style="list-style-type: none"> 1. Drill with all standard accessories. 2. Bio barrier container with all standard accessories including filter, re-useable modular lock mechanism 3. Oil spray for power system. <p>Power Requirement:</p> <ul style="list-style-type: none"> • Line voltages: 100-240VAC • Line Frequency: 50/60 Hz 	02 Units

Requirement:

Certification:

- System should have Certification **FDA 510(k)/CE/JIS/MHLW/JQAO**

Warranty and Maintenance Period:

- Warranty Period required 2 years with maintenance and parts replacement.
- All the parts are included in the warranty. (Battery, Battery charger, drill attachments, Drill handpiece and all others parts are included)
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.
- **Down Time:**

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% → No Down Time

Below 90% → 1.5 days increase daily

Below 75% → 3.5 days increase daily

Below 50% → 5 days increase daily

Trainings & Manual:

- Operating and service manual with troubleshooting and circuit diagram must be provided.
- In house operator training session for end user.
- In house service training session by Principal Certified resource
- Trained Service Engineers with certification from the principle, Karachi based mandatory.

Note:

Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).

COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT

<p>03</p>	<p>Washer extractor</p> <p>Specifications:</p> <p>Capacity & Construction:</p> <ol style="list-style-type: none"> 1. Rated Capacity: Minimum 100 kg or more dry linen per cycle 2. Drum Volume: Minimum 1000 liters or more 3. Type: Barrier (Pass-through) design with double doors (loading from soiled side and unloading from clean side) 4. Mounting: Free-standing, heavy-duty design 5. Material: Inner and outer drum made of high-grade AISI 304 or 316 stainless steel 6. Frame: Rigid steel structure, corrosion-resistant coated finish 7. Doors: 8. 1 Loading Door (Soiled Side) 9. 1 Unloading Door (Clean Side) 10. Interlocking safety system prevents both doors from opening simultaneously <p>Drive & Control:</p> <ol style="list-style-type: none"> 1. Motor: Frequency-controlled inverter drive for smooth acceleration and variable drum speeds 2. Drive Type: Belt or direct drive, dynamically balanced 3. Spin Speed: High spin extraction, minimum 900 RPM or suitable to achieve residual moisture $\leq 50\%$ 4. Transmission: Heavy-duty bearing and shock absorber system for vibration-free operation <p>Heating & Utilities:</p> <ol style="list-style-type: none"> 1. Heating Type: Steam heated and electrically driven 2. Steam Pressure: 3 – 8 bar 3. Inlets: 4. Steam inlet with control valve 5. Hot and cold-water inlets 6. Liquid detergent injection ports (minimum 4 connections for detergent, softener, bleach, etc.) 7. Drain Outlet: Large diameter, quick discharge valve for fast evacuation 8. Water Recovery System (Optional): Provision for reusing rinse water <p>Control & Programming:</p> <ol style="list-style-type: none"> 1. Control System: Advanced microprocessor or PLC-based control panel with color touchscreen interface 2. Programs: Minimum 50 or more fully programmable wash cycles for various hospital fabrics 3. Features: 4. Automatic detergent dosing system 5. Adjustable wash temperature, levels, spin speed, and rinse count 6. Data logging and cycle traceability for hygiene compliance 7. Real-time monitoring and diagnostic alerts <p>Safety Features:</p> <ol style="list-style-type: none"> 1. Door Interlock System: Prevents cross-contamination 2. Automatic Balancing System: Detects and corrects unbalanced loads 3. Active Vibration Damping: Reduces floor stress and noise 4. Emergency Stop: Easily accessible safety switches on both sides <p>Additional Features:</p> <ol style="list-style-type: none"> 1. Construction for Continuous Duty: Suitable for 24-hour hospital operation 2. Ergonomic Design: Easy loading and unloading height 3. Service Access: Front and rear service panels for maintenance 	<p>02 Units</p>
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4. Display: User-friendly touch screen

Requirement:

Certification:

- System should have Certification **FDA 510(k)/CE/JIS/MHLW/JQAO**

Warranty and Maintenance Period:

- **Warranty Period required 3 years** with maintenance and parts replacement.
- All the parts are included in the warranty. (Door, Motor, Heating element heater, Display and all others parts are included)
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.
- **Down Time:**

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% → No Down Time

Below 90% → 1.5 days increase daily

Below 75% → 3.5 days increase daily

Below 50% → 5 days increase daily

Trainings & Manual:

- Operating and service manual with troubleshooting and circuit diagram must be provided.
- In house operator training session for end user.
- In house service training session by Principal Certified resource
- Trained Service Engineers with certification from the principle, Karachi based mandatory.

Note:

Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).

COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT

<p>04</p>	<p>Micro motor for OMFS</p> <p>Specifications:</p> <p>Motor Type:</p> <ol style="list-style-type: none"> 1. Brushless electric micromotor, autoclavable (detachable type). 2. Compact, lightweight, ergonomic handpiece design suitable for surgical use. 3. Compatible with E-type attachments (straight & contra-angle). <p>Speed & Torque:</p> <ol style="list-style-type: none"> 1. Speed range: 100 to 40,000 rpm (variable). 2. Torque: Minimum 2.0 N·cm, up to 4.0 N·cm continuous torque. 3. Torque remains constant throughout the speed range. 4. Speed and torque digitally controlled via the console. <p>Control Unit:</p> <ol style="list-style-type: none"> 1. Microprocessor-controlled system. 2. Digital display for speed, torque, direction (Forward/Reverse). 3. Preset programs (min. 3–5) for common procedures. 4. Foot pedal control for variable speed and direction. 5. Overload and temperature protection built-in. 6. Silent operation, vibration-free performance. 7. Input: 100–240 V AC, 50/60 Hz <p>Handpiece (Motor Section):</p> <ol style="list-style-type: none"> 1. Compact brushless design 2. Autoclavable to 135°C, sealed against sterilization vapor. 3. Smooth, anti-slip stainless-steel body for surgeon comfort. <p>Transmission Attachments:</p> <ol style="list-style-type: none"> 1. Straight E-type handpiece, 1:1 ratio, autoclavable. 2. E-type connection ensures interchangeability between brands (KaVo / NSK / Bien-Air / W&H, etc.). <p>Safety:</p> <ol style="list-style-type: none"> 1. Built-in electronic protection against motor overload, overheating, and accidental reverse rotation. <p>Accessories & Consumables:</p> <ol style="list-style-type: none"> 2. Control unit with digital interface. 3. Brushless micromotor handpiece (autoclavable). 4. Foot control (multifunctional). 5. Power cord and tubing set. 6. Straight handpiece (E-type 1:1) autoclavable. <p>Power Requirement:</p> <ul style="list-style-type: none"> • Line voltages: 100-240VAC • Line Frequency: 50/60 Hz <p>Requirement:</p> <p>Certification:</p> <ul style="list-style-type: none"> • System should have Certification FDA 510(k)/CE/JIS/MHLW/JQAO <p>Warranty and Maintenance Period:</p> <ul style="list-style-type: none"> • Warranty Period required 2 years with maintenance and parts replacement. 	<p>01 Unit</p>
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	<ul style="list-style-type: none"> • All the parts are included in the warranty. (Control unit, micromotor, handpiece, foot switch and all others parts are included) • PPM must be done according to the OEM criteria in warranty period. • Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. • Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model. • Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. • Up-time guarantee during warranty period must be 90-95%. • Response to breakdown during and after warranty period must be 1-3Hours. • Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below; 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily • Trainings & Manual: <ul style="list-style-type: none"> • Operating and service manual with troubleshooting and circuit diagram must be provided. • In house operator training session for end user. • In house service training session by Principal Certified resource • Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p> <p>COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
05	<p>Battery-Operated Pen Drive System for Plastic surgery</p> <p>Specification:</p> <p>Application</p> <ol style="list-style-type: none"> 1. For use in Plastic & Reconstructive Surgery Procedures. 2. Suitable for drilling, K-wire insertion, small bone cutting, and precision bone work. <p>System Type</p> <ol style="list-style-type: none"> 1. Portable, battery-operated, pen-type surgical motor system. 2. Ergonomic, lightweight handpiece for fine surgical manipulation. 	01 Unit

3. Compatible with multiple attachments (K-wire driver, oscillating saw, chuck/drill).

Handpiece (Motor Unit)

1. Type: Brushless DC motor or high-efficiency electric motor.
2. Speed range: 0 – 60,000 rpm or more (variable, depending on attachment).
3. Design: Pen-grip design.
4. Material: Medical-grade stainless steel or anodized aluminium housing.
5. Protection: IP-rated (splash-resistant), autoclavable or with sterile barrier cover.

Power Supply / Battery/ Console

1. Type: Rechargeable Lithium-ion battery pack (preferably autoclavable).
2. Operation time: Minimum 45–60 minutes continuous use per charge.
3. Charging time: ≤ 2 hours (quick charger).
4. Battery safety: Over-temperature, over-charge, and short-circuit protection.
5. Spare battery and charging unit supplied.

Attachments (Interchangeable)

Attachment Type	Specification / Function
K-Wire Driver	Accepts 0.6 – 2.0 mm, K-wires; quick-connect collet; smooth variable-speed operation.
Oscillating Saw Head	Oscillating frequency suitable for small bone cutting; compatible with mini oscillating blades.
Chuck / Drill Attachment	Accepts burrs/drill bits up to 3.2 mm; standard Jacobs and quick-coupling collet system.

Controls and Safety

1. Variable speed control: Hand or foot switch.
2. Direction: Forward / Reverse selectable.
3. Safety cut-off: Automatic motor stop on overload.
4. Locking system: Prevents unintentional activation.
5. Noise level: ≤ 65 dB or better
6. Sterilization: All attachments autoclavable; battery either autoclavable or sterile-cased.

Accessories / Supplied Items

1. Main handpiece (pen drive) – 1 no.
2. Battery packs – 2 nos. (rechargeable).
3. Charging unit / docking charger – 1 no.
4. K-wire attachment, Oscillating saw attachment, and Chuck attachment – 1 each.
5. Sterilization tray with silicone holders.

Power Requirement:

- Line voltages: 100-240VAC
- Line Frequency: 50/60 Hz

Requirement:

Certification:

- System should have Certification **FDA 510(k)/CE/JIS/MHLW/JQAO**

Warranty and Maintenance Period:

- **Warranty Period required 3 years** with maintenance and parts replacement.
- All the parts are included in the warranty. (Handpiece-pen drive, battery, charger, attachments and all others parts are included)
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.
- **Down Time:**

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% → No Down Time

Below 90% → 1.5 days increase daily

Below 75% → 3.5 days increase daily

Below 50% → 5 days increase daily

Trainings & Manual:

1. Operating and service manual with troubleshooting and circuit diagram must be provided.
2. In house operator training session for end user.
3. In house service training session by Principal Certified resource
4. Trained Service Engineers with certification from the principle, Karachi based mandatory.

Note:

Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).

COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT

<p>06</p>	<p>Dual Channel Electronic Tourniquet System Specifications</p> <p>System Type</p> <ol style="list-style-type: none"> 1. Dual-channel microprocessor-controlled pneumatic tourniquet system. Each channel capable of independent control of pressure and inflation time. Suitable for single or dual-limb procedures (upper or lower limbs) <p>Power Supply</p> <ol style="list-style-type: none"> 2. Operated on AC mains 100–240 V, 50/60 Hz (auto-switching) 3. Built-in rechargeable battery backup for minimum 2 hours or more operation during power failure 4. Automatic switchover to battery on power loss <p>Pressure Control</p> <ol style="list-style-type: none"> 1. Adjustable pressure range: 50 – 600 mmHg or better 2. Pressure setting accuracy: ±5 mmHg or better 3. Continuous pressure monitoring and automatic regulation to maintain set value 4. Dual pressure transducers for each channel <p>Timer Control</p> <ol style="list-style-type: none"> 1. Independent digital timers for each channel 2. Adjustable from 0 – 240 minutes (or higher) 3. Audible and visual alarm at preset time expiry 4. Automatic deflation or manual override option <p>Display & Controls</p> <ol style="list-style-type: none"> 1. Large color touchscreen or high-contrast digital LCD display 2. Display parameters: 3. Actual pressure and set pressure 4. Elapsed and remaining time per channel 5. Channel status (inflated/deflated) 6. Touch or membrane-type keypad for control 7. Real-time graphical display of pressure curve <p>Cuffs & Tubing</p> <ol style="list-style-type: none"> 1. Cuffs in multiple sizes (pediatric, small, medium, large, thigh) 2. Made from durable, autoclavable or reusable material 3. Single and double bladder cuffs compatible 4. Quick-connect, color-coded hose connectors with safety locks 5. Easy-to-clean and leak-resistant design <p>Safety Features</p> <ol style="list-style-type: none"> 1. Automatic system self-test at startup 2. Automatic pressure release at alarm or after set time expiration 3. Audible and visual alarms for: 4. Overpressure 5. Cuff leak/disconnection 6. Power failure 7. Timer expiration 8. Battery low 9. Manual emergency deflation switch 	<p>01 Unit</p>
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10. Redundant safety valves for each channel
11. Pressure hold in case of transient power loss

Data & Memory Functions

1. Procedure data recording: inflation/deflation times, pressures
2. Internal memory for last several procedures
3. Optional USB or network interface for data export or documentation

Construction & Design

1. Compact, trolley-mounted design
2. Housing made of antimicrobial, easy-clean surface material
3. Integrated cuff and tubing storage compartment

Accessories & Scope of Supply

1. Main unit (dual-channel)
2. Set of 4 reusable cuffs (assorted sizes)
3. Set of tubing and connectors
4. Power cable, user manual
5. Trolley for mount (local high quality)

Power Requirement:

- Line voltages: 100-240VAC
- Line Frequency: 50/60 Hz

Requirement:

Certification:

- System should have Certification **FDA 510(k)/CE/JIS/MHLW/JQAO**

Warranty and Maintenance Period:

- **Warranty Period required 3 years** with maintenance and parts replacement.
- All the parts are included in the warranty. (Display, battery and all others parts are included)
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.

• **Down Time:**

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

- 90% → No Down Time
- Below 90% → 1.5 days increase daily
- Below 75% → 3.5 days increase daily
- Below 50% → 5 days increase daily

Trainings & Manual:

	<ol style="list-style-type: none"> 5. Operating and service manual with troubleshooting and circuit diagram must be provided. 6. In house operator training session for end user. 7. In house service training session by Principal Certified resource 8. Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Note: Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p> <p>COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
07	<p>Battery-Operated Sternum Saw</p> <p>Specifications</p> <p>Device Type</p> <ol style="list-style-type: none"> 1. Handheld, battery-operated sternotomy saw for cardiac and thoracic surgery. 2. Intended for median sternotomy, sternal re-entry, and revisions. 3. Sterile-field compatible: sterile/aseptic battery pack system. <p>Handpiece Design</p> <ol style="list-style-type: none"> 1. Ergonomic, lightweight for single-handed precision. 2. High-grade stainless steel and anodized aluminum construction. 3. Low vibration and low noise (<75 dB) or better for surgeon comfort. 4. Fully autoclavable handpiece and blade guard; battery packs handled aseptically. <p>Cutting Performance</p> <ol style="list-style-type: none"> 1. Reciprocating motion optimized for sternal bone. 2. Stroke length: 3.5–4.0 mm or better 3. Cutting frequency: up to 12,000–16,000 cycles per minute, variable speed. 4. Depth guard: micro-adjustable, protects mediastinal structures. 5. Compatible with primary, revision, and paediatric blades (standardized surgical blades). <p>Battery & Power System</p> <ol style="list-style-type: none"> 1. Battery pack, sterile/aseptic type. 2. Capacity: Supporting ≥5 sternotomies per charge. 3. Battery charge indicator. 4. Rapid charger: ≤60 min or better. 5. Dual charging cradle for continuous OR workflow. <p>Sterilization & Reprocessing</p> <ol style="list-style-type: none"> 1. Handpiece & blade guard: fully autoclavable (134 °C). 2. Blades: single-use, sterile-packed. 3. Battery: handled via sterile/aseptic sheath. <p>Safety Features</p> <ol style="list-style-type: none"> 1. Electronic speed regulation & overload protection. 2. Balanced design reduces surgeon fatigue. 3. Blade guard prevents damage to soft tissues. 4. Low-vibration, low-noise operation. 	01 Unit

Accessories & Consumables

1. Battery packs: 2 (1 in use + 1 spare).
2. Battery charger: dual cradle
3. Blade sets: Primary ×10, Revision ×5, and Pediatric × 5.
4. Adjustable depth guards ×2.
5. Sterilization tray/case ×1.
6. Handpiece × 1.

Power Requirement:

- Line voltages: 100-240VAC
- Line Frequency: 50/60 Hz

Requirement:**Certification:**

- System should have Certification **FDA 510(k)/CE/JIS/MHLW/JQAO**

Warranty and Maintenance Period:

- **Warranty Period required 3 years** with maintenance and parts replacement.
- All the parts are included in the warranty. (Handpiece, Battery, Battery charger and all others parts are included)
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.
- **Down Time:**

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% → No Down Time

Below 90% → 1.5 days increase daily

Below 75% → 3.5 days increase daily

Below 50% → 5 days increase daily

Trainings & Manual:

- Operating and service manual with troubleshooting and circuit diagram must be provided.
- In house operator training session for end user.
- In house service training session by Principal Certified resource
- Trained Service Engineers with certification from the principle, Karachi based mandatory.

	<p>Note: Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p> <p>COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
<p>08</p>	<p>Electronic Dosimeter Specifications (Equivalent to Mirion RAD-60)</p> <p>Dosimeter Specifications:</p> <ol style="list-style-type: none"> 1. Type: Personal Electronic Dosimeter (PED) 2. Measurement Quantity: Hp (10) for whole body dose equivalent 3. Detector Type: Energy-compensated silicon diode 4. Dose Range: 0 μSv to 9999 mSv (or higher) 5. Dose Rate Range: 0.01 μSv/h to 3 Sv/h (or higher) 6. Energy Response: 48 keV to 6 MeV (\pm20%) 7. Accuracy: \pm10% or better 8. Display: Digital LCD with dose, dose rate, alarm, battery, and time display 9. Alarm Functions: Audible, visual, and vibration alarms for dose and dose rate thresholds 10. Data Storage: Minimum 1,000 dose and dose rate events with timestamp 11. Communication Interface: Infrared (IR) or USB via reader unit 12. Power Supply: Replaceable or rechargeable battery; battery life minimum 500–1000 hours of operation <p>Reader (Data Transfer Unit) Specifications: Model: Equivalent to <i>ADR-1 Reader</i> Note for Other Vendors: Participating vendors shall also quote one compatible reader unit corresponding to their offered dosimeter.</p> <p>Function: Reading, programming, and data transfer between dosimeter and PC/software Connectivity: USB interface to computer</p> <p>Software Features:</p> <ol style="list-style-type: none"> 1. Data logging and dose history storage 2. Individual dosimeter configuration (ID, alarm limits, etc.) 3. Report generation and export functions 4. Compatible with Windows-based PC systems <p>Note: Our institute currently utilizes the <i>Mirion RAD-60</i> personal dosimeter along with its <i>ADR-1 Reader</i>. However, other vendors may also participate, provided they offer equivalent dosimeters and compatible reader units that meet or exceed the above-mentioned specifications.</p> <p>Power Requirement:</p> <ul style="list-style-type: none"> • Line voltages: 100-240VAC • Line Frequency: 50/60 Hz 	<p>25 Units</p>

	<p>Requirement:</p> <p>Certification:</p> <ul style="list-style-type: none"> • System should have Certification FDA 510(k)/CE/JIS/MHLW/JQAO <p>Warranty and Maintenance Period:</p> <ul style="list-style-type: none"> • Warranty Period required 3 years with maintenance and parts replacement. • All the parts are included in the warranty. (Dosimeter, Reader, Battery, Adapter and all others parts are included) • PPM must be done according to the OEM criteria in warranty period. • Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. • Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model. • Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. • Up-time guarantee during warranty period must be 90-95%. • Response to breakdown during and after warranty period must be 1-3Hours. • Down Time: <p>If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;</p> <p>90% → No Down Time</p> <p>Below 90% → 1.5 days increase daily</p> <p>Below 75% → 3.5 days increase daily</p> <p>Below 50% → 5 days increase daily</p> <p>Trainings & Manual:</p> <ul style="list-style-type: none"> • Operating and service manual with troubleshooting and circuit diagram must be provided. • In house operator training session for end user. • In house service training session by Principal Certified resource • Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Note:</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p> <p>COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
09.	<p>ORTHOPEDIC ACCESSORIES (STAINLESS STEEL)</p> <p>Compatible with: TruSystem Tru5500 (Trumpf/Baxter)</p> <p>Material: High-grade Stainless Steel (AISI 304/316)</p> <p>Finish: Electropolished / Corrosion Resistant</p> <p>Mounting Interface: Baxter/Trumpf Hook Coupling System</p> <p>Sterilization: Autoclavable up to 134°C for 5 minutes</p> <p>1. Extension Adapter Qty. 01</p> <p>Constructed from high-strength stainless steel.</p>	

Provides the interface between table column and traction/extension assemblies.
Modular and compatible with all Baxter/Trumpf orthopedic attachments.
Designed for stable fixation with quick-lock coupling.
Load-bearing capacity suitable for standard orthopedic traction procedures.

2. Universal Support Qty. 01

Stainless steel support frame with padded contact surface.
Adjustable height, angle, and position through locking clamp mechanism.
Used for positioning and stabilizing limbs during orthopedic surgeries.
Surface treated for durability and ease of cleaning.

3. Supporting Pad Qty. 01

High-density viscoelastic foam pad with antimicrobial and fluid-resistant cover.
Designed for comfort and even pressure distribution under supported limbs.
Easily detachable and washable; autoclavable compatible.
Fits on the universal support and extension adapter as required.

4. Counter Traction Post Qty. 01

Full stainless-steel construction for strength and corrosion resistance.
Provides counter-traction during fracture treatment and nailing procedures.
Adjustable vertically and rotationally for precise positioning.
Locking mechanism ensures patient safety and stability.

5. Double Joint Strut (Pair) Qty. 01

Stainless-steel dual-joint design for adjustable angular positioning.
Facilitates controlled movement and orientation of the limb during traction.
Joints equipped with quick-release locking knobs for secure fixation.
Load tested for orthopedic extension applications.

6. Extension Struts (Set of 2) Qty. 01

Tubular stainless-steel adjustable-length struts for extension frames.
Used for traction setup on one or both legs.
Fine-thread locking ensures accurate length adjustment.
Compatible with Baxter/Trumpf traction frames and adapters.

7. Spindle Traction Mechanism (Pair) Qty. 01

Stainless-steel housing with precision spindle and manual adjustment crank.
Provides controlled linear traction for orthopedic procedures.
Smooth, vibration-free movement with self-lubricated spindle thread.
Integrated safety stop to prevent over-extension.

8. Traction Boot – Adult (Pair) Qty. 01

Leather or PU-covered foam construction with stainless-steel attachment connectors.
Ergonomically designed to support the foot during traction.
Adjustable straps for different patient sizes.
Fully compatible with spindle traction and counter-traction systems.

9. Docking Trolley – Extension Unit Qty. 01

Made of stainless steel tubular frame with heavy-duty swivel casters.
Designed for storing and transporting the orthopedic traction set components.
Includes organized holders for struts, posts, and boots.
Anti-corrosive and easy to clean; stable base during loading/unloading.

10. Leg Holder – Goepel Type Qty. 01

Stainless steel frame with viscoelastic gel or padded leg support.
Gas-spring or manual height and tilt adjustment for precise leg positioning.
Designed for lithotomy, arthroscopy, and other lower-limb surgeries.
Lockable in multiple angles ensuring patient comfort and stability.

GENERAL TECHNICAL NOTES

All components are made of medical-grade stainless steel (AISI 304/316) ensuring durability, biocompatibility, and resistance to corrosion.
Surfaces are electropolished for hygienic cleaning and prevention of bacterial adherence.
Accessories are modular and interchangeable across the TruSystem 5500 platform.
Each component is autoclavable and conforms to CE and ISO 13485 medical device standards.
Designed for use in orthopedic and trauma surgeries, including femur, tibia, and hip traction, nailing, and arthroscopy.

Warranty and Maintenance Period:

- Warranty Period required 3 years with maintenance and parts replacement.
- All the parts are included in the warranty
- PPM must be done according to the OEM criteria in warranty period.
- Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.
- Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model.
- Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.
- Up-time guarantee during warranty period must be 90-95%.
- Response to breakdown during and after warranty period must be 1-3Hours.
- Down Time:

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% → No Down Time

Below 90% → 1.5 days increase daily

Below 75% → 3.5 days increase daily

Below 50% → 5 days increase daily

Trainings & Manual:

- Operating and service manual with troubleshooting and circuit diagram must be provided.
- In house operator training session for end user.
- In house service training session by Principal Certified resource
- Trained Service Engineers with certification from the principle, Karachi based mandatory.

Note:

These specifications represent generalized descriptions of stainless-steel orthopedic accessories compatible with the Trumpf/Baxter TruSystem Tru5500 operating table only.

10	<p>PHACOEMULSIFICATION MACHINE</p> <p>Modes: Pulse, Continuous, Burst Maximum oscillation 100% Resonant Frequency: 40.0 ± 3 kHz</p> <p>VACUUM & ASPIRATION Vacuum: 0 to 650 mmHg or better Aspiration: Up to 60 cc per minute (ml/minute) or better</p> <p>POWER IV POLE ON MOBILE CART High Range: 30 to 100cm or better</p> <p>ANTERIOR VITRECTOMY Cut Rate: 10 to 1500 cuts/minute or better</p> <p>DIATHERMY (COAGULATION) 10 Watts max or better 500 kHz ± 5% or better</p> <p>DISPLAY: Digital Display LCD/LED</p> <p>ACCESSORIES: Phaco Handpiece x 02, Tips, sleeve, Tubing set, Diathermy reusable bipolar cable, Bipolar forceps, Sterilization tray and all other standard accessories.</p> <p>Power Requirement:</p> <ol style="list-style-type: none"> 1. Line voltages: 100-240VAC 2. Line Frequency: 50/60 Hz <p>Requirement:</p> <p>Certification:</p> <ol style="list-style-type: none"> 1. System should have Certification FDA 510(k)/CE/JIS/MHLW/JQAO <p>Warranty and Maintenance Period:</p> <ol style="list-style-type: none"> 1. Warranty Period required 3 years with maintenance and parts replacement. All the parts are included in the warranty. 2. PPM must be done according to the OEM criteria in warranty period. 3. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 4. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 5. Up-time guarantee during warranty period must be 90-95%. 6. Response to breakdown during and after warranty period must be 1-3Hours. 7. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below; 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily <p>Trainings & Manual:</p>	01 Unit
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	<ol style="list-style-type: none"> 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Note: Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) is the responsibility of awarded firm/supplier.</p> <p>COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
11	<p>Arthroscopy System</p> <p>Specifications:</p> <p>1. Imaging System</p> <p>Specification</p> <ol style="list-style-type: none"> 1. Camera Technology: Ultra-High-Definition (UHD 4K) endoscopic imaging system providing native 3840 × 2160 pixels at 50/60 Hz progressive scan. 2. Image Sensor: True three-chip CMOS sensor block/Single large-format CMOS sensor, ≥ 1-inch optical size, ≥ 8 million or better effective pixels, offering true-color 4K image with high sensitivity and low noise. 3. Camera Head: Compact and lightweight, autoclavable up to 134 °C/ plasma-sterilizable (STERRAD / low-temperature gas plasma), ergonomic design with ≥ 3 programmable buttons (zoom, capture, enhancement, freeze); IPX8 rated. 4. Zoom / Focus: Digital zoom 1×–2×; electronic focus and white balance via CCU or camera head control. 5. Camera Control Unit (CCU): Digital 4K processor with automatic detection of connected camera heads; ≥ 10 user presets; touchscreen or on-screen menu; integrated image enhancement and stabilization algorithms. 6. Video Output: HDMI 2.0 × 2, 12G-SDI × 2, DisplayPort or fiber-optic output (optional); supports 4K 60 fps progressive output; compatible with 1080p and 720p displays. 7. Image Enhancement: Real-time brightness, contrast, and color enhancement; edge sharpening, noise reduction, and digital anti-fog mode. 8. Recording / Archiving: Integrated solid-state 4K recorder for still (JPEG, DICOM) and motion (MP4, MOV) capture; export via USB 3.1, Ethernet, or DICOM to PACS / HIS. <p>2. Illumination System</p> <p>Specification</p> <ol style="list-style-type: none"> 1. Light Source Type: High-power white LED. 2. Color temperature: ≈ 6000 K or better, CRI ≥ 95. 3. Lifetime: ≥ 30,000 hours or better. 4. Cooling System: Forced-air or liquid-cooled with thermal overload protection. 5. Light Transmission: Fiber-optic cable compatible with standard rigid arthroscopes. 	01 Unit

3. Optical System (Arthroscopes)

Specification

1. Type: Rigid rod-lens design (Hopkins-type or equivalent).
2. Diameter / Length: 4 mm × 17-18 cm for standard knee/shoulder
3. Direction of View: 30°, and 70°
4. Optical Quality: Field of view $\geq 80^\circ$, distortion $\leq 3\%$, high-transmission lenses, autoclavable up to 134 °C/ plasma-serializable design.
5. Coupling: Standard C-mount or bayonet compatible with 4K camera heads.

4. Fluid Management (Arthroscopy Pump)

Specification

1. Flow Rate: 0 – 3.0 L/min, digitally controlled and continuously adjustable
2. Pressure Range: 0 – 200 mmHg, programmable with fine 1 mmHg increments
3. Control Modes: Dual control modes: pressure-controlled or flow-controlled with real-time feedback loop
4. Display: Full-color TFT or capacitive touchscreen showing pressure, flow, and total volume in numeric and graphical form
5. Tubing Recognition: Automatic tubing set detection with calibration memory for different joint types
6. Control: Front panel keypad or touchscreen for parameter adjustment.
7. Footswitch: Single pedal for start/stop irrigation and flush boost. Water proof and autoclavable design.
8. Safety Features: Over-pressure protection, automatic shutoff on occlusion or air detection, and audio-visual alarm indicators
9. Data Connectivity: USB / Ethernet interface for event log export and integration with OR software systems
10. Sterility: Disposable sterile tubing set (arthroscopy-specific inflow/outflow design)

5. Shaver / Power System

Specification

1. Motor Drive Unit: Microprocessor-controlled dual-channel console for shaver handpieces; automatic handpiece recognition.
2. Speed Range: 0 – 8000 rpm or better for shaver blades; 0 – 8,000 rpm or better for burrs; speed adjustable in 100 rpm increments.
3. Control Modes: Oscillation Mode, Forward Rotation Mode – continuous clockwise, Reverse Rotation Mode – counterclockwise.
4. Torque Control: Automatic feedback torque regulation with overload protection
5. User Interface: Touchscreen console with programmable memory profiles; real-time speed and torque display.
6. Control Interface: Footswitch and handpiece buttons for mode/speed control.
7. Handpiece: Lightweight, autoclavable motor with quick-connect hub; compatible with various arthroscopic blades and burrs (2.0–5.5 mm).
8. Compatibility Supports disposable and reusable shaver blades from major OEMs (Karl Storz, Arthrex, Stryker, STEMA).

6. Display & Integration Specification

1. Monitor: Medical-grade 4K UHD display 55" or more, designed for endoscopic visualization with true 4:4:4 color processing and 10-bit depth.
2. Resolution: Native 3840 × 2160 (4K UHD) at 50/60 Hz.
3. Viewing Angle: Wide viewing angle for multiple surgeon positions
4. Signal Inputs: HDMI 2.0, 12G-SDI, DisplayPort, and DVI-D compatible; backward compatible with 1080p/720p.
5. Display Features: Adjustable color temperature presets, gamma correction, and picture-in-picture (PIP) / picture-by-picture (PBP) functions.
6. Mounting: Mobile trolley arm with height adjustable compatible
7. System Integration: Full OR integration compatibility with DICOM, HIS/PACS, and centralized video routing systems.

7. Cart / Tower Configuration

1. Construction Material: Medical-grade stainless steel or anodized aluminum frame with anti-corrosive, non-magnetic finish; designed for sterile operating room environments.
2. Load Capacity: Minimum 150 kg or more total load, with reinforced structure to hold full equipment stack (CCU, light source, pump, shaver, recorder, UPS, etc.).
3. Shelves: 4–6 adjustable ventilated shelves, each with cable routing ports and vibration-damped mounts; modular design for flexible component arrangement.
4. Cable Management: Integrated rear vertical duct for power and data cables, with labeled cable clips, hidden wiring channels, and strain relief brackets.
5. Electrical Distribution Built-in medical-grade power strip (≥ 6 outlets) with overload and surge protection, master power switch, and circuit breaker; IEC 60601 compliant
6. Mobility: Four anti-static, 360° swivel castors, two with brakes; smooth rolling and noise-reducing polyurethane wheels.
7. Monitor Mount: Articulated monitor arm supporting displays up to 55", height and tilt adjustable; VESA-compatible mount.
8. Accessory Mounts: Side rails for additional accessories such as suction controller, keyboard tray, documentation tablet, or small devices.
9. Cooling & Ventilation Passive airflow design with optional low-noise active fans or ventilation grills to maintain optimal equipment temperature.
10. Lighting: Optional integrated LED work light or backlit shelf edges for improved cable access in low-light OR environments.
11. Safety & Ergonomics Rounded edges, enclosed side panels, non-slip surface finish, and shock-absorbing base plate.
12. Sterility / Cleaning: Smooth, non-porous surfaces resistant to disinfectants and suitable for daily wet cleaning with medical-grade solutions.

8. Radiofrequency (RF) Ablation System

Specification

1. Type: Bipolar radiofrequency ablation and coagulation unit for arthroscopic soft tissue management and hemostasis.
2. Output Power: Adjustable up to 150 W (bipolar mode), continuously variable in 1 W increments.
3. Operating Frequency: 300 kHz – 500 kHz or better , for plasma based ablation RF frequency is 100Khz or better.
4. Modes of Operation: Ablation (Cut), Coagulation, Blend / Smart Mode – simultaneous ablation and coagulation with automatic impedance feedback.
5. Control & Activation Dual control options: Footswitch activation (single or dual pedal: ablate/coagulate), Handpiece activation (integrated ergonomic button on probe handle for surgeon convenience).
6. Feedback System: Real-time impedance monitoring with adaptive power modulation to maintain optimal effect and prevent overheating.
7. Probe Compatibility: Compatible with bipolar saline-irrigated electrodes (straight, curved, and angled types) for knee, shoulder, and small joints; reusable and disposable options
8. Saline Irrigation Integration: Direct connection to arthroscopy pump for synchronized saline flow through electrode.
9. Cooling / Safety: Auto-shutdown on overheat or over-current; audible/visual alarms for faults; continuous internal temperature monitoring.
10. Display & Interface: Color touchscreen with live readouts of power (W), impedance (Ω), and activation time; preset memory profiles for different joint procedures.
11. Frequency Stability: ± 1 % output frequency regulation under varying load conditions.

9. Uninterruptible Power Supply (UPS)

Specification

1. Type: Medical-grade online UPS for complete arthroscopy tower (CCU, light source, monitor, pump, shaver, RF unit).
2. Battery Backup Time ≥ 15 –20 minutes at full load to safely complete procedure or shut down system
3. Input / Output Voltage: 230 V AC ± 10 %, 50/60 Hz.
4. Waveform: Pure sine wave output for sensitive imaging and electronics.
5. Transfer Time: 0 ms (true online double conversion).
6. Display & Alarms: LCD display showing input/output voltage, load, battery status; audible alarms for overload, battery low, and fault.
7. Protection Features: Surge suppression, over-voltage, short-circuits, and overheat protection.
8. Communication Ports USB / RS-232 / Ethernet for monitoring or integration with OR IT systems

10. Electrical & Safety

Specification

1. Power Supply: 100 – 240 V AC ± 10 %, 50/60 Hz, auto-ranging
2. Protection: Class I medical equipment with protective earth connection.

Accessories:

Imaging System

Camera head (1 no.), Camera control unit (1 no.), Camera cable (1 no.), 4K recorder (1 no.), Power cable set, HDMI / SDI output cables (2 each), Software and user manuals, Sterilization tray for camera head

Illumination System

Fiber-optic light cable (2 nos.), Power cable (1 no.)

Optical System (Arthroscopes)

30° arthroscope (1 no.), 70° arthroscope (1 no.), Autoclavable sheath (inflow/outflow) with obturator (2 sets), Light post adaptor (1 no.), Sterilization tray (1 no.)

Fluid Management (Arthroscopy Pump)

Pump console (1 no.), Footswitch (1 no.) (Waterproof and autoclavable), Disposable sterile tubing sets (minimum 10 initial sets), Power cable and installation accessories

Shaver / Power System

Console unit (1 no.), Motor handpiece (1 no.), Footswitch (1 no.), Starter set of reusable / Disposable blades and burrs (2.0 mm, 3.5 mm, 4.0 mm, and 5.5 mm), Power and interface cables, Sterilization tray

Display & Integration

Medical-grade 4K UHD monitor (≥ 55", 1 no.), Monitor arm (1 no.), HDMI 2.0 / SDI / DisplayPort cables, Power cables, Cable management kit

Cart / Tower

Complete medical-grade tower (1 no.) with ≥ 6 shelves, Power distribution board with circuit breaker (1 no.), Monitor arm (1 no.), Lockable anti-static castors (4 nos.), Cable management clips and ducts,

3-4 drawer, keyboard tray & LED work light

Radiofrequency (RF) Ablation System

Main RF generator (1 no.), Dual-pedal footswitch (1 no.), Starter set of bipolar electrodes/probes (knee, shoulder, small joint types), Saline irrigation tubing compatible with arthroscopy pump, Power and interface cables

Uninterruptible Power Supply (UPS)

UPS unit (1 no.), Power and communication cables

Electrical & Safety

Complete power cable set for all components, Grounding cables System interconnect cables

Instruments Sets;

Arthroscopic meniscal repair, ACL/PCL, Shoulder and hand instruments sets.		
1	ACL / PCL set	Quantity
	DESCRIPTION	
	Cannulated Drill, 4 mm	1
	Tibial Cannulated Drill, 6mm -10mm including 7.5mm & 8.5mm	1
	Guide Pin with Suture Eye 2.4 x 435 mm	5
	Semitendinosus Stripper, 7 mm , close	1
	Hamstring Tendon Stripper, 7 mm diameter, open end	1
	Tunnel/Notchplasty Rasp	1

	Cannulated Headed Reamer, 6 mm - 10mm including 7.5mm & 8.5mm	1
	Graft Harvesting Cutting Guides, 9.5 mm	1
	Graft Sizing Block, 4.5 mm to 12 mm holes (0.5 mm increments)	1
	Quick Connect BioComposite Interference Screwdriver	1
	Cannulated Screwdriver Shaft, 3.5 mm hex, Ø5.5 mm × 17 cm	1
	Driver, ratcheting quick connect	1
	Tibial jig Construction Handle	1
	Tibial PCL Hook Arm	1
	Tibial ACL Marking Hook Drill Guide	1
	Guide Pin Sleeve, 2.4 mm	1
	ACL Graft Shaper	1
	Soft-tissue clamp, adjustable	2
	Graft prep station base, large	1
	Workstation holder, with tensiometer, adjustable	1
	Graft Prep Station Set	1
	ACL Box Instrumentation Case	1
	Guide wire 1.1mm , for biointerference screws	5
	Parallel graft knife handle	1
	Parallel graft knife blade, 9 mm	1
	PCL rasp	1
	PCL suture pusher	1
	ACL Drill Pin for femoral fixation button, Closed Eyelet	2
	Microfracture awl 30 Degree	1
	Femoral Offset Guide 5mm/6mm/7mm	1
2	SHOULDER REPAIR SET	Quantity
	DESCRIPTION	
	Probe, Hook 5.4 mm, Tip w/5 mm Markings	1
	Suture Cutter, 4.2 mm, Open-End, Left Notch (Used with All Suture)	1
	Suture Retriever, ø3.4 mm, Straight	1
	Shoulder Debridement Rasp	1
	Shoulder Tissue Elevator, 15°	1
	SLAP rasp	1
	Shoulder Tissue Elevator, 30°	1
	Punch for 4.5 mm suture anchor	1
	Punch/Tap for 4.75 mm knottless anchor	1
	Drill For 2.9 mm knottless anchor	1
	Spear, Trocar and Blunt Obturator for 2.9 mm knottless anchor	1
	sharp tip to penetrate soft tissue easily , 2.75 mm, 45° Up Tip	1
	Knot Pusher, closed end	1
	Rotator Cuff Grasper, 4.2 mm Straight Shaft	1
	Arthroscopic suture passer with needles for cuff repair procedures	1
	Curette, Both Sides Cut, 5.4 mm Ring	1

	Reusable Obturator for cannula	1
	Shoulder Instrument Case	1
	Switching stick, extra long	1
3	Arthroscopy Hand Instruments / Meniscal repair set	Quantity
	DESCRIPTION	
	Punch, Medium Straight Tip, ø3.4 mm 15° Up Curved Shaft	1
	Punch, Medium Straight Tip, ø3.4 mm Straight Shaft	1
	Punch, Medium 45° Left Angled Tip, ø3.4 mm Straight Shaft	1
	Punch, Medium 45° Right Angled Tip, ø3.4 mm Straight Shaft	1
	Alligator Grasper, Hook Jaw Straight jaw, straight shaft	1
	Hand instrument case, 16 slot	1
	Probe hook, 3.4 mm tip, with 5 mm markings	1
	Arthroscopic Scissors, Straight jaw, straight shaft	1
	Punch, Standard Reverse Straight Tip, ø3.4 mm Straight Shaft	1
	2-0 Suture Cutter, 2.75 mm, Straight	1
	Portal Skid	2
	Meniscal All inside device with curved needle	10
	Inside out meniscal repair System	1
	System Handle Anterior Cannula Middle Cannula, left posterior Middle Cannula, right posterior Needle Catcher	
	2-0 Mini Suture Tape Meniscus Repair Needles	10
	Note: <ol style="list-style-type: none"> The offered above all instruments shall be fully compatible with the quoted system. However, the bidder may also propose any missing items such as instruments, bio-barrier containers, or improved models and accessories available in the market, provided that these are fully compatible and enhance the overall performance and functionality of the quoted system. All instruments shall be of the same origin as the quoted system or fully compatible with the quoted Arthroscopic Tower. Prices of each set and all individual instruments must be quoted separately. Failure to quote the price of any single item shall result in rejection of the offer. Financial comparison of the complete Arthroscopic Tower, including all accessories and instruments, shall be based on the total quoted price as reflected in the financial proposal. 	
	Power Requirement: <ul style="list-style-type: none"> Line voltages: 100-240VAC Line Frequency: 50/60 Hz 	
	Requirement:	
	Certification: <ul style="list-style-type: none"> System should have Certification FDA 510(k)/CE/JIS/MHLW/JQAO 	

	<ul style="list-style-type: none"> • Warranty and Maintenance Period: • Warranty Period required 3 years with maintenance and parts replacement. • All the parts are included in the warranty. (Camrea head, CCU, Light source, Scope, Pump, Shaver, display 55”, Cart, RF ablation, UPS with batteries and all others parts are included) • PPM must be done according to the OEM criteria in warranty period. • Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. • Free of cost software installation and upgradation of purchase application and software plat form would be responsibility of manufacturer and its authorized distributor for upcoming next ten year after the installation of quoted model. • Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. • Up-time guarantee during warranty period must be 90-95%. • Response to breakdown during and after warranty period must be 1-3Hours. • Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below; 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily <p>Trainings & Manual:</p> <ul style="list-style-type: none"> • Operating and service manual with troubleshooting and circuit diagram must be provided. • In house operator training session for end user. • In house service training session by Principal Certified resource • Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Note: Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier). COUNTRY OF ORIGIN: UK / USA / EUROPE / JAPAN OR EQUIVALENT</p>	
	<p>Special Note:</p> <p>1. Demonstration: The bidder shall arrange a demonstration on site within three (03) days upon written request of Shaheed Mohtarma Benazir Bhutto Institute of Trauma (SMBBIT), Karachi. Failure to arrange the demonstration within the stipulated time frame shall result in rejection of the quoted item or model.</p> <p>2. Right to Reject: SMBBIT reserves the right to reject the bid or any part thereof if the bidder’s previous performance, in terms of supply or service, is found to be unsatisfactory.</p>	

3. Completeness of Offer:

All parts and accessories required for the complete and functional operation of the equipment must be included in the bid. Any optional parts not specifically quoted shall be deemed free of cost.

4. Availability of Spares and Utilities:

All accessories and utilities required for installation and commissioning must be provided. The manufacturer shall ensure the availability of all spares and accessories for a minimum period of ten (10) years after installation.

5. Warranty:

The goods must be quoted with a comprehensive, item-wise warranty, clearly defining the warranty period for each product. The warranty shall cover service, labour, and spare parts for the duration specified in the technical specifications, effective from the date of installation.

6. Documentation:

Complete operational, installation, maintenance, and service manuals shall be provided at the time of installation of the equipment/instruments.

7. Manufacturer Verification:

Documentary evidence verifying the original manufacturer of the quoted goods must be attached with the bid.

8. Country of Origin Verification:

Documentary proof verifying the country of origin of the equipment/instrument must be attached.

9. Manufacturer's and Goods' Country of Origin:

If the manufacturer's country of origin and the goods' country of origin are different, both must be clearly specified. Supporting documents shall be provided to verify the declared origin(s).

(A) **PRICE SCHEDULE IN PAK RUPEES**
Delivered Duty Paid (DDP BASIS)

FOR GOODS OFFERED WITHIN THE PROCURING AGENCY'S COUNTRY

Name of Bidder _____, IFB / NIT Number _____.

S#	Detailed Specification of Goods	Model / Cat No.	Name of Manufacturer	Country of Origin	Quantity of Stores	Unit	Unit Price on DDP Basis (Excluding GST)	Total Cost On DDP Basis (Excluding GST)
1	2	2	4	5	6	7	8	9
TOTAL AMOUNT IN PAK RS. ON DDP BASIS (EXCLUDING GST)								
TOTAL AMOUNT IN WORDS:								

Name _____

In the capacity of _____

Signed _____

Duly authorized to sign the Bid for and on behalf of _____

Date _____

(B) PRICE SCHEDULE IN FOREIGN CURRENCY (CFR / CNF/ C&F / CPT - KARACHI BASIS)

FOR GOODS OFFERED FROM OUTSIDE THE PROCURING AGENCY'S COUNTRY

Name of Bidder _____ . IFB / NIT Number _____

S#	Detailed Specification of Goods	Model / Cat No.	Name of Manufacturer	Country of Origin	Port of Shipment	Quantity of Stores	Unit	Currency	Rate Per Unit	Total Price
1	2	3	4	5	6	7	8	9	10	11
Total Amount in Foreign Currency										

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

NOTE:

Port of Shipment and Country of origin of —MAJOR PART(S) OF THE EQUIPMENT must be clearly reflected separately in the Technical and Financial bids. The —Original means the place where the —goods are mined, grown, or produced.

BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Executive Director,

Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi –74200

Dear Sir,

Having examined the bidding document and amendment thereon we undersigned, offer to provide services to the works including in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call dated__

Tender Title: _____

We undertake to provide services/execute the above project or it part assigned to us in conformity with the said bidding documents for an estimated sum of Rs. (Rupees)(total bid amount in words and figures) which may vary in accordance with the schedule of prices attached herewith and coverage options made by SMBBIT or its user organization.

If our bid is accepted, we undertake to;

- 1) Provide services/execute the work according to the time schedule specified in the bid document,
- 2) Obtain the performance guarantee of bank in accordance with bid requirements for the due performance of the contract, and
- 3) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
- 4) We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Place:
signature
Date:

Bidder's
and seal.

CONTRACT FORM

THIS AGREEMENT made theDay of.....(year) Between the Procuring Agency (hereinafter “The SMBB INSTITUTE OF TRAUMA”) of one part and (Name of Vendor) of (City and country of Vendor) (Hereinafter “the Supplier”) of the other part:

WHEREAS the SMBB INSTITUTE OF TRAUMA is desirous that certain Supplies, as described in the bid document and briefly outlined below, should be provided by the Vendor.

Date of tender call:

Title of the project:

Brief outline of the work:

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS;

In this agreement words and expression shall have the same meanings as are respectively assigned to them in the bid document referred to.

The following document shall be deemed to form and be read and construed as part of this Contract, viz.

- 1) Bid document(s)
- 2) Pre-bid conference minutes (if any),
- 3) Clarification on bid document issued (if any),
- 4) SMBB INSTITUTE OF TRAUMA notification of award.

In case of conflict among documents mentioned above, the documents mentioned above in reverse order will prevail over other documents. In consideration of the payments to be made by the SMBB INSTITUTE OF TRAUMA to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the SMBB INSTITUTE OF TRAUMA to (**Tender Title..**) and to remedy defects therein conformity, in all respects, with the provisions of the contract.

The SMBB INSTITUTE OF TRAUMA 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 the contract at the times and in the manner prescribed by the contract.

Brief particulars of the services which shall be supplied / provided by the Supplier areas under:

Solutions, service or material	Quantity	Unit price	Amount	Remarks

IN WITNESS whereof the parties hereto have caused this Agreement executed the day and year above written.

Signed, sealed, delivered by _____ the (for the Procuring agency)

Signed, sealed, delivered by _____ the (for the Supplier)

FORM OF PERFORMANCE SECURITY (Bank Guarantee)

Guarantee No. _____ Executed on: Expiry date: _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with complete address (Scheduled Bank in Pakistan):

Name of Principal (Contractor, Manufacturer, Supplier or any bidder) with complete address:

Penal Sum of Security (express in words and figures):

Letter of Acceptance No: _____ Dated: _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the are of the said Principal we, the Guarantor above named, are held and firmly bound unto the Executive Director, SMBBIT, Karachi (here in after called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the principal has accepted the Employer's above said Letter of Acceptance for (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modificationstotheGuarantorbeingherebywaived,then,thisobligationtobevoid;otherwise to remain in full force and virtue till all requirements of Condition of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration

that the principal has refused or failed to perform the obligations under the Contract which payment will be affected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the principal(Contractor) has duly performed his obligations under the Contractor has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

Guarantor
(Bank)

1. _____ (Name, Title, Signature & Seal)

Signature:

2. _____

Name:

(Name, Title, Signature Seal)

Title:

**AFFIDAVIT
(On Judicial Stamp Paper)**

I/We, the undersigned [Name of the Supplier] hereby solemnly declare and undertake that:

1. I/We have read the contents of the Bidding Document and have fully understood it.
2. The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
3. The Goods that we propose to supply under this contract are eligible goods within the meaning of this SBD.
4. The undersigned are also eligible Bidders within the meaning of the Standard Bidding Documents.
5. The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
6. I/We have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent for SMBB Institute of Trauma related to this Bid or Award or Contract.
7. I/We are not blacklisted or facing debarment from any institute of Federal, Provincial Government or any Department /Agency/Organization/Autonomous body or Private Sector organization anywhere in Pakistan.
8. That undersigned has not employed any child labor in the organization/unit.
9. I/We understand that the Selection and Rate Contracting Committee of the Procuring Agency is not bound to accept the lowest or any other bid they may receive.

I/We affirm that the contents of this affidavit are correct to the best of our knowledge and belief.

Signatures with stamp Name: _____ Designation: _____

CNIC No. _____ **(Copy must be attached)**

For Messrs. [Name of Supplier]

INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS

Contract Number: **NO.** **Dated:**
 Contract Value: **Rs.**
 Contract Title:

M/s. _____ hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, **M/s.** _____ represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, SMBBIT Karachi (PA), except that which has been expressly declared pursuant hereto.

M/s. _____ certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. _____ accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, **M/s.**

_____ Agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by **M/s.** _____ as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.

M/s.

Executive Director (D.D.O)