



**SHAHEED BENAZIR BHUTTO ACCIDENT EMERGENCY & TRAUMA  
CENTRE KARACHI**

Ph: 02199216384  
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**No: AMS/SBB-TC/PROC/2017-18/209  
Dated:15-December-2017**

**TENDER NOTICE**

Shaheed Benazir Bhutto Accident Emergency & Trauma Centre invites sealed bids as per Sindh Public Procurement Regulatory Authority Rules from the Contractor/Manufactures/Suppliers/Authorized Distributors etc. for **Current Financial Year 2017-18** of followings:

S.#	Name of Tenders	Bidding Document Cost (Rs.)	Bid / Tender Security	Tender Purchasing Date	Date of Submission and Opening
1.	<b>Supply, Installation, Testing &amp; Commissioning of Medical Equipment, Machinery, Surgical Instruments &amp; Other Items</b>  Tender Reference # <b>AMS / SBB-TC / PROC / (LSP-03) 2017-18</b>  Bidding Procedure: <b>Single Stage- Two Envelope 46(2)</b>	5,000/-	2% of Bid Amount	01-01-2018 to 29-01-2018	29-01-2018 between 09:00 - 11:00 a.m. and 29-01-2018 at 11:30 a.m. respectively
2.	<b>Supply of General Instruments &amp; OMF Implants</b>  Tender Reference # <b>AMS / SBB-TC / PROC / (INST-05) 2017-18</b>  Bidding Procedure: <b>Single Stage- Two Envelope 46(2)</b>	2,000/-			
3.	<b>Supply of Uniform &amp; Protective Clothing</b>  Tender Reference # <b>AMS / SBB-TC / PROC / (UPC-02) 2017-18</b>  Bidding Procedure: <b>Single Stage- Two Envelope 46(2)</b>	2,000/-			
4.	<b>Supply of Neuro surgery Implants &amp; Instruments</b>  Tender Reference # <b>AMS / SBB-TC / PROC / (INST-06) 2017-18</b>  Bidding Procedure: <b>Single Stage- Two Envelope 46(2)</b>	2,000/-			

1. Complete set of tender documents containing BOQ, Specification and Terms & Conditions can be purchased from Planning & Procurement Department, Twelve Floor SBB Accident Emergency & Trauma Centre through **pay order** of above mentioned amount in favor of **Addl. Medical Superintendent SBB Trauma Centre**, Chand Bibi Road, Karachi Tender documents can also be downloaded from SPPRA website [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) and [www.chk.gov.pk](http://www.chk.gov.pk).





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2. Bids must be submitted on the above date between 09:00 to 11:00 a.m. at Planning & Procurement Department, Twelve Floor SBB Accident Emergency & Trauma Centre.
3. Submitted bids will be opened publicly at 11:30 a.m. on the same day in the presence of bidders or their authorized representatives who choose to attend.
4. All bid(s) shall include Government Taxes/Contribution etc. (if applicable).
5. The deductions in the bills will be done as per Government rules.
6. Bid / Tender Security @ 2% of total value of the quoted items by firms in shape of Pay Order / Demand Draft must be attached.
7. In case of announcement of Public Holiday or any unfavorable circumstances, the bids shall be **submitted** and **opened** as per given schedule on the next working day.

**ADDL. MEDICAL SUPERINTENDENT/DDO**  
SBB Accident Emergency & Trauma Centre



## **STANDARD BIDDING DOCUMENTS**



**GOVERNMENT OF SINDH**

**SBB ACCIDENT EMERGENCY & TRAUMA CENTRE KARACHI**

**Contract No:- AMS/SBB-TC/PROC/(INST-05) 2017-18**

**ROUGH COST ESTIMATED: 15 M**

**Supply of General Instruments & OMF Implants**

**for**

**SBB Accident, Emergency & Trauma Centre, Karachi**



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## **INSTRUCTIONS TO BIDDERS**

1. **Shaheed Benazir Bhutto Accident Emergency & Trauma Centre** invites sealed bids on single stage two envelope systems 46(2) as per Sindh Public Procurement Rules 2010, (Amended till date) from Manufacturers/Importers/Sole Agents/Contractors for ***Supply of General Instruments & OMF Implants. Reference No:- AMS/SBB-TC/PROC/(INST-05) 2017-18***
2. Bidders are required to check that Tender Documents issued to them are complete in all respects as per table of content.
3. 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.
4. 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.
5. 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.
6. 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.
7. The quoted rates should include all costs of whatsoever description and expenses necessary for the whole work together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
8. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
9. 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.



10. The vendor has to quote only one rate for each work as per tender specifications. Hand written tenders or any over writing, cutting, should be signed.
11. 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.
12. Contractor who will win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
13. 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.
14. Quantities of tender items are on estimated basis. They could vary according to the sanctioned amount as per discretion of Procurement Committee.



## **BIDDING DATA**

Procuring Agency	:	SBB Accident Emergency & Trauma Centre
Address	:	Chand Bibi Road, Karachi
Name of Item	:	<b>Supply of Instruments General &amp; OMF Implants</b>
Bid Validity	:	90 Days
Amount of Bid Security	:	2% of Bid Quoted Price
Last date of Selling of Bid	:	29-01-2018 till 08:30a.m.
Date of Submission of Bid	:	29-01-2018 From 09:00a.m. to 11:00a.m.
Date of Opening of Bid	:	29-01-2018 at 11:30a.m.
Performance Security	:	2% of the Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage Two Envelope Procedure/ SPP rule 46(2)
Advance Payment	:	No Advance Payment
Period of Completion	:	Within three months of the award of tender or 30 <sup>th</sup> April 2018; whichever comes first OR with mutual understanding from store
Liquidity Damages	:	0.03% of the bid price per month after the period of Completion up to 10% maximum
Required Item Quality	:	All items will be procured on quality / approved Sample basis while brochures should also be attached where applicable.
Place of Delivery	:	Store of SBB Accident, Emergency & Trauma Centre



## **TERMS & CONDITIONS OF TENDER**

- a) SBB Accident Emergency & Trauma Centre invites sealed bids on **Single Stage Two Envelope Procedure** as per clause 46(2) of Sindh Public Procurement Rules 2010 (Amended till date) from Interested Bidders for **“Supply of General Instruments & OMF Implants.”**
- b) Tender Fee in shape of pay order in favor of Additional Medical Superintendent / DDO, SBB Accident Emergency & Trauma Centre must be attached; else the offer will be rejected.
- c) The registered Contractors / Suppliers / Manufacturers / Authorized Distributors should attach 2% of total estimated value of the quoted items with bid as **BID SECURITY** in shape of pay order issued from any scheduled Bank of Pakistan in favor of **Addl. Medical Superintendent/ D.D.O., SBB. Accident Emergency & Trauma Centre Karachi** in the financial proposal. However copy of same should be attached in technical proposal without showing the amount.
- d) **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Pay Order / Demand Draft or Bank Guarantee at 2% of the Contract Value. The same will be released after successful completion of contract period. Moreover, security deposit shall be forfeited by the Procuring Agency if contractor fails to comply with terms and condition of the contract at any stage during contract period.
- e) Bid should be dropped at Planning & Procurement Office, 12<sup>th</sup> Floor, SBB Accident Emergency & Trauma Centre by mail or by hand in due course of time and the same will be opened at Committee Room, 12<sup>th</sup> Floor, Admin Block, SBB Accident Emergency & Trauma Centre.
- f) Bid / offer will be evaluated as per criteria and the bid's terms & conditions.
- g) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax
- h) 0.35% of ordered amount should be placed on contract agreement as stamp duty on stamp paper of value (Rs.100).
- i) The firm will be responsible for **“Supply of General Instruments & OMF Implants.” for SBB Accident Emergency & Trauma Centre, Karachi Reference No:- AMS/SBB-TC/PROC(INST-05)/2017-18** at consignee address. (SBB Accident Emergency & Trauma Centre Karachi (If it fails the Security Deposit will be forfeited).
- j) Procurement Committee 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.

- k) 20% of the due Sindh Sales Tax (if applicable) will be deducted from the bill of the Contractors / Suppliers while remaining 80% will be deposited by the Contractors / Suppliers themselves.
- l) 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.
- m) Conditional tender and tender without bid security shall not be considered.
- n) GST / Income Tax Certificate must be accompanied with tender
- o) 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). Payment will be made after receipt of bill / invoice duly fills in all respects.
- p) 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.
- q) Prices quoted shall remain valid up to one year
- r) No tender will be entertained without Bid Security / Earnest money will be forfeited to Government Treasury, in case of non-submission of Performance security within seven (7) days of receipt of letter of Acceptance.
- s) Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.
- t) If the supplier fails to give supply and install within the stipulated period, liquidity charges will be imposed.
- u) Registration from Sindh Revenue Board is not required in procurement of Goods.

I / We agree to above mentioned terms & conditions:

Name of Contractor \_\_\_\_\_ Signature \_\_\_\_\_

(CNIC NO \_\_\_\_\_ (Copy must be attached).)

Full Address \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Rubber Stamp \_\_\_\_\_



**CRITERIA FOR EVALUATION OF BID****(Bidders are required to submit following documents in mentioned sequence)**

S.#	List of Documents	Yes	No
1.	Compliance of Terms & Conditions / Instructions mentioned in the Bid Form / NIT.		
2.	Relevant Experience with documentary proof (Last Three Years)		
3.	i) Registration with Income Tax – NTN Certificate ii) Copy of Professional Tax 2017-18		
4.	a) General Sales Tax (Mandatory) b) Sindh Sales Tax (if applicable) / Sindh Board of Revenue (Registration is not required in procurement of Goods)		
5.	Bank Certificate / Bank Statement regarding financial soundness (Last Three Years) of the firm to do business up till 10 Million each year.		
6.	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted and Litigated by any institute of Federal, Provincial Government or any Department / Agency / Organization / autonomous body or Private Sector Organization anywhere in Pakistan.		
7.	Copy of the Pay order / Bank Draft of Bid security / Earnest money should be attached without showing the amount along with technical bid document. (Original bid security should be attached with financial proposal).		
8.	Authorization / Distributors Certificates from Manufacturer where applicable		
9.	Sample of quoted item (Non-refundable)		
10.	Bidder already providing same services at SBB-TC should obtain & attach a satisfactory performance certificate from competent authority.		

**NOTE:**

1. The offer will not be entertained if the required documents are not found attached.
2. Items will be procured on approved quality/ sample basis; hence bidders are required to submit sample along with bidding documents. Brochures should also be attached where applicable.
3. Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.
4. The technical evaluation carried out by the Procurement Committee, SBB Accident Emergency & Trauma Centre, Karachi will be final, which will be assessed on clinical experience basis of the Consultant(s) in the relevant specialty.
5. Specifications approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.



**SCHEDULE OF REQUIREMENT & PRICE FOR SBB ACCIDENT  
EMERGENCY & TRAUMA CENTRE KARACHI**

**Tender For “Supply of General Instruments & OMF Implants”  
Reference No:- AMS/SBB-TC/PROC(INST-05)/2017-18**

**SECTION A: GENERAL INSTRUMENTS:**

**D): VASCULAR INSTRUMENTS:**

S.no	Description	Qty.	Unit	Quoted	
				Yes	No
1	Debakey Forceps small	2			
2	Debakey Forceps Medium	2			
3	Debakey Forceps Large	2			
4	Gillies Forceps	2			
5	Mayo Scissors Curved	2			
6	Needle Holder	1			
7	Lahey Artery Forceps	1			
8	Lahey Artery Forceps	1			
9	B.P Handle assorted sizes	3			
10	Adson Non Tooth Forceps	2			
11	Adson Tooth Forcep	2			
12	Plain Forceps	1			
13	Crile Artery Fprceps Cvd	10			
14	Artery Forceps Str 7"	2			
15	Mosquito Artery Fcps cvd 5"	10			
16	Mosquito Artery Fcps str 5"	10			
17	Spencerwell Artery Fcps 8"	2			
18	Artery Forceps	2			
19	Mixture Arty Fcps cvd	2			
20	Kocher Artery Fcps cvd	2			
21	Kocher Artery Fcps str	2			
22	Allis Artery Fcps	4			
23	Sponge Holders	2			
24	Deaver Retractor Small	2			
25	Self Retaining Retr. Bl/tet	2			
26	Self Retaining Retr. Blunt teth	2			
27	Yankaeur Suction Tube	1			
28	Frazier Suction Tube	1			
29	Towel Clip (Tohko)	10			
30	Joseph	2			
31	Lane Tooth Forceps	1			
32	Richardson Retracter	2			
33	Richardson Retracter Med	2			



34	Curette D/Ended	1		
35	Gallipot	3		
36	Kidney Tray 10"	2		
37	Kiler Catspaw Ret D/ended	2		
38	Metzenbaum Scissors cvd T/C 18cm	2		
39	Metzenbaum Scissors cvd 18cm	1		
40	Reynolds OP.Scissors Cvd 15cm T/C	1		
41	DeBakey Vascular Scissors 16cm 45	1		
42	Castroviejo Ndle Holder 14.5cm T/C	1		
43	Castroviejo Ndle Holder 18cm T/C	1		
44	DeBakey Bulldog Clamp cvd 4.5cm	2		
45	DeBakey Bulldog Clamp Str 5.0cm	2		
46	DeBakey Bulldog Clamp Str 7.5cm	2		
47	DeBakey Bulldog Clamp cvd 7.5cm	2		
48	DeBakey Bulldog Clamp Str 30mm Jaw	2		
49	DeBakey Bulldog Clamp Cvd 30mm Jaw	2		
50	DeBakey Bulldog Clamp Cvd 12cm	2		
51	DeBakey Bulldog Clamp Str 12cm	2		
52	Kocher Langenbeck Retractor 25.6mm	2		
53	Kocher Langenbeck Retractor 30x11mm	2		
54	Kocher Langenbeck Retractor 40x11mm	2		
55	Metzenbaum Scissors cvd 25cm TC/SC	1		
56	Drain Trocar (Radivac) S/S No.12	1		
57	Ruler Metal 30cm	1		
58	Forceps Micro Atraumatic 18cm	2		
59	Atraumatic Micro Fcps 1.2mm 15cm	2		
60	Baby Crile Wood Ndle Holder 15cm TC	1		
61	DeBakey Ndle Holder 18cm TC	2		
62	DeBakey Ndle Holder 20cm TC	1		
63	Heparin Needle Str Tip 2.5mm 50MM	2		

## II) NEUROSURGERY INSTRUMENTS:

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Raney Clip Applicator	4	Pcs.		
2	Travers Retractor	10	Pcs.		
3	Karrison Punch 1	5	Pcs.		
4	Karrison Punch 2	5	Pcs.		
5	Karrison Punch 3	5	Pcs.		
6	Karrison Punch 4	5	Pcs.		
7	Karrison Punch 5	5	Pcs.		
8	Pituitary Ronger Downward 2"	5	Pcs.		
9	Pituitary Ronger Downward 4"	5	Pcs.		
10	Nerve Root Retractor	10	Pcs.		
11	Penny Packer (Bone Nebbler Single Action) Curved	5	Pcs.		
12	Adson Tooth/Long	5	Pcs.		



13	Binut Forceps Plain	5	Pcs.		
14	Luc's Forceps	1	Pcs.		
15	Fianchetto Retractor Small	1	Pcs.		
16	Rack Retractor	6	Pcs.		
17	Karrison Punch 1mm Long	5	Pcs.		
18	Karrison Punch 1mm Small	5	Pcs.		
19	Pituitary Ronger Straight Long 2mm	5	Pcs.		
20	Hudsen Base	5	Pcs.		
21	Extension Burr	2	Pcs.		
22	Perfirator	5	Pcs.		
23	Rose Burr	5	Pcs.		
24	Bailley Guide (Saw Guide)	5	Pcs.		
25	Trocar Cannula	5	Pcs.		
26	Brain Needle	2	Pcs.		
27	Painfeel Dissector	5	Pcs.		
28	Fraizer Suction 12"	10	Pcs.		
29	Fraizer Suction 14"	10	Pcs.		
30	Fraizer Suction 16"	10	Pcs.		
31	Kleans Nasal Speculum	4	Pcs.		
32	Tallis Forceps Small, Medium	2	Pcs.		
33	Bailey Conductor	5	Pcs.		
34	Gillies Forceps 6"	10	Pcs.		
35	Curette Double Ended	10	Pcs.		
36	Cat's Paw Retractor	8	Pcs.		
37	Skin Hook Retractor Single	8	Pcs.		
38	Yaunker Suction	6	Pcs.		
39	B.P Knife Handle 3"	5	Pcs.		
40	B.P Knife Handle 4"	5	Pcs.		
41	B.P Knife Handle 7"	5	Pcs.		
42	Adson Plain	5	Pcs.		
43	Dissecting Forceps Tooth 6"	5	Pcs.		
44	Dissecting Forceps Plain 6"	5	Pcs.		
45	Golden Scissor Curved 6"	10	Pcs.		
46	Golden Scissor Curved 5"	10	Pcs.		
47	Golden Scissor Straight 6"	10	Pcs.		
48	Metz Scissor 7" Straight	10	Pcs.		
49	Mayo Scissor Curved 6"	10	Pcs.		
50	Tenotomy Scissor 5" Curved	10	Pcs.		
51	Needle Holder 10"	2	Pcs.		
52	Golden Needle Holder Fine 7"	10	Pcs.		
53	Golden Needle Holder Fine 5"	10	Pcs.		
54	Mayo Needle Holder 6"	10	Pcs.		
55	Mayo Needle Holder 7"	10	Pcs.		
56	Mosquito Straight	10	Pcs.		



57	Mosquito Curved	20	Pcs.		
58	Artery Forceps Crile Straight	10	Pcs.		
59	Artery Forceps Crile Curved	20	Pcs.		
60	Allis Tissue Forceps 6"	10	Pcs.		
61	Langenback Retractor Small	6	Pcs.		
62	Langenback Retractor Medium	6	Pcs.		
63	Sponge Holder	10	Pcs.		
64	Towel Clips Sharp	20	Pcs.		
65	Kidney Dish 8"	5	Pcs.		
66	Kidney Dish 10"	5	Pcs.		
67	Galli Pot Medium	10	Pcs.		
68	Lahey Artery Forceps Medium	2	Pcs.		
69	Lahey Artery Forceps Small	2	Pcs.		
70	Giggle Saw	500	Pcs.		
<b>Country of Origin: Imported</b>					

### III) OPHTHALMOLOGY INSTRUMENTS:

#### a) Cataract Set

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	4/0 Needle Holder	10	Pcs.		
2	10/0 Needle Holder	30	Pcs.		
3	Corneal Forceps	30	Pcs.		
4	Suture Tying Forceps	30	Pcs.		
5	Mcpherson Forceps	30	Pcs.		
6	Conjunctiva Plane Forceps	15	Pcs.		
7	Conjunctiva Tooth Forceps	15	Pcs.		
8	Artery Forceps (Small)	30	Pcs.		
9	Artery Forceps (Medium)	30	Pcs.		
10	Artery Forceps (Large)	30	Pcs.		
11	Corneal Scissor	30	Pcs.		
12	Vana Scissor	30	Pcs.		
13	Wescott Scissor	30	Pcs.		
14	Plane Scissor	30	Pcs.		
15	Universal Speculum	30	Pcs.		
16	Wire Speculum	30	Pcs.		
17	Lens Dialer	30	Pcs.		
18	Simco cannula	30	Pcs.		
19	Wire Vectis	10	Pcs.		
20	Muscle Hook	15	Pcs.		
21	BP Handle	10	Pcs.		
22	Iris Repositor	10	Pcs.		
23	Caliper	10	Pcs.		
24	Peads Eye Speculum	10	Pcs.		



25	Gallipots	30	Pcs.		
26	Sterilization trays (6*10) Silicone USA	10	Pcs.		
27	Hydro Cannula	30	Pcs.		
28	Sponge Holding Forceps	30	Pcs.		
29	Phaco Chopper	20	Pcs.		
30	Utrata Forceps	30	Pcs.		
31	Subtenon Cannula	20	Pcs.		

**b) DCR SET**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Large Needle Holder	2	Pcs.		
2	Micro Needle Holder	2	Pcs.		
3	Corneal Scissor	2	Pcs.		
4	Spring Scissor	2	Pcs.		
5	Lacrimal Cannula	4	Pcs.		
6	Lacrimal probe	12	Pcs.		
7	Punctum Dilator	4	Pcs.		
9	Bone Nibler	4	Pcs.		
10	Muscle Hook	2	Pcs.		
11	Cat Paw Retractor	4	Pcs.		
12	Persitom Elevator	2	Pcs.		
15	Rougine	2	Pcs.		
16	Lid Retractor	2	Pcs.		
17	Hammar Chisel And Bone gauge	2	Pcs.		
18	Elliot Terphine with handle	2	Pcs.		
19	Caliper	2	Pcs.		
21	Lacrimal Sac Dilator With Scope	2	Pcs.		
22	Nasal Speculum	2	Pcs.		
23	Alleys Forceps	2	Pcs.		
24	Suction Tube	2	Pcs.		
25	Rounger Up Cutting	2	Pcs.		
26	Rounger Down Cutting	2	Pcs.		
27	Cushing Forceps	2	Pcs.		
28	Fixation Forceps	2	Pcs.		

**c) PTOSIS SET**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Bulldog	12	Pcs.		
2	Skin Hook	6	Pcs.		
3	Facial Needle	3	Pcs.		
4	Ptosis Clamp (Large )	2	Pcs.		
5	Ptosis Clamp ( Medium)	2	Pcs.		
6	Artery Forceps Curved( Small)	6	Pcs.		
7	Artery Forceps Curved( Medium)	6	Pcs.		



8	Artery Forceps Curved( Large)	6	Pcs.		
9	10/0 Needle Holder	2	Pcs.		
10	4/0 Needle Holder	2	Pcs.		
11	BP Handle	2	Pcs.		
12	Conjunctiva Plane Forceps	2	Pcs.		
13	DesMarres Retractor	2	Pcs.		
14	Wescott Scissor	2	Pcs.		
15	Lid Guard	4	Pcs.		

**d) SQUINT SET:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	CaLiper	10	Pcs.		
2	Muscle Hook	10	Pcs.		
3	Wescott Scissor	10	Pcs.		
4	Blunt Scissor	10	Pcs.		
5	Conjunctiva Plane Forceps	10	Pcs.		
6	10/0 Needle Holder	10	Pcs.		
7	6/0 Needle Holder	10	Pcs.		
8	4/0 Needle Holder	5	Pcs.		

**e) CHALAZION SET:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Chalazion Clamp (Small)	6	Pcs.		
2	Chalazion Clamp (Medium)	6	Pcs.		
3	Chalazion Clamp (Large)	6	Pcs.		
4	Chalazion Scope	12	Pcs.		
5	BP Handle	2	Pcs.		

**f) ENUCLEATION SET:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Enucleation Scope	2	Pcs.		
2	Blunt Scissor	2	Pcs.		
3	Golden Needle Holder (Small)	2	Pcs.		
4	Artery Forceps Curved (Small)	2	Pcs.		
5	Artery Forceps Curved (Medium)	2	Pcs.		
6	Artery Forceps Curved (Large)	2	Pcs.		
7	10/0 Needle Holder	2	Pcs.		
8	4/0 Needle Holder	2	Pcs.		
9	Conjunctiva Tooth / Plane Forceps	2	Pcs.		
10	Butter Fly	2	Pcs.		
11	Langenbeck Retractor	2	Pcs.		

**g) PKP SET:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Right Scissor	2	Pcs.		



2	Left Scissor	2	Pcs.		
3	Terphine Block	2	Pcs.		

#### **h) OTHER INSTRUMENTS:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	Tongue Depressor	2	Pcs.		
2	Bone Drill	1	Pcs.		
3	Injector For Foldable IOL's	2	Pcs.		
4	Adson Plane / Tooth Forceps	2	Pcs.		
5	Maliabie Retractor	2	Pcs.		
6	Aroga Forceps	2	Pcs.		
7	Depressor	2	Pcs.		

#### **IV) OTHERS:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
1	B.P Handle 3"	30	Pcs.		
2	B.P Handle 4"	30	Pcs.		
3	B.P Handle 7"	30	Pcs.		
4	Forceps Adson Non Teeth	15	Pcs.		
5	Forceps Adson Teeth	20	Pcs.		
6	Debakey Forceps 6"	30	Pcs.		
7	Debakey Forceps 8"	30	Pcs.		
8	Forceps Dissecting Plane	10	Pcs.		
9	Lane Forceps Teeth 8"	20	Pcs.		
10	Forceps Gillies Teeth 14"	30	Pcs.		
11	Forceps Gerald	35	Pcs.		
12	Scissor Metzenbaum Curved 18cm	30	Pcs.		
13	Scissor Mayo Curved 17cm	20	Pcs.		
14	Scissor Noir Metzenbaum 23cm	20	Pcs.		
15	Scissor Stevens Tenotomy 13cm	20	Pcs.		
16	Scissor Potts 7" 45	20	Pcs.		
17	Needle Holder Debakey 18cm	20	Pcs.		
18	Needle Holder Castroviejo 13cm	30	Pcs.		
19	Needle Holder Castroviejo 17cm	30	Pcs.		
20	Needle Holder 16cm	20	Pcs.		
21	Needle Holder 12cm	20	Pcs.		
22	Needle Holder 15cm	20	Pcs.		
23	Artery Forceps Circle 14cm Curved	100	Pcs.		
24	Artery Forceps Straight	20	Pcs.		
25	Artery Forceps Mosquito Curved 12.5cm	100	Pcs.		
26	Artery Forceps Mosquito Straight 12.5cm	100	Pcs.		
27	Artery Forceps Spencer Well 20cm Straight	20	Pcs.		
28	Artery Forceps Crile Fine 7"	20	Pcs.		
29	Artery Forceps Mohyeldin 8" Curved	25	Pcs.		



30	Artery Forceps Kocher 20cm Curved	20	Pcs.		
31	Artery Forceps Kocher 20cm Straight	20	Pcs.		
32	Artery Forceps Lahey 8"	25	Pcs.		
33	Artery Forceps Allis 15cm	30	Pcs.		
34	Sponge Holder 25cm	20	Pcs.		
35	Retractor Deaver Small	20	Pcs.		
36	Retractor Langenbeck Small	20	Pcs.		
37	Retractor Langenbeck Medium	20	Pcs.		
38	Retractor Langenbeck Large	20	Pcs.		
39	Retractor Richardson Small	20	Pcs.		
40	Retractor Richardson Medium	20	Pcs.		
41	Retractor Richardson Large	20	Pcs.		
42	Self Retaining Retractor Blunt Teeth 4"	20	Pcs.		
43	Self Retaining Retractor Blunt Teeth 7"	20	Pcs.		
44	Kilner Cat's Paw Retractor Double Ended Blunt Teeth	30	Pcs.		
45	Clamp Artery	10	Pcs.		
46	Curettes Double Ended 7"	15	Pcs.		
47	Trocar Drain	10	Pcs.		
48	Suction Yankauer	10	Pcs.		
49	Frazier Suction	10	Pcs.		
50	Vessel Prirgation Cannula	15	Pcs.		
51	Scale	10	Pcs.		
52	Bulldog Clamp	100	Pcs.		
53	Towel Clip	80	Pcs.		
54	Galli Pot	325	Pcs.		
55	Kidney Dish 25cm	25	Pcs.		
56	Joseph 15cm	30	Pcs.		
57	Instrument Tray with Holes 12x18	10	Pcs.		
58	Deep Instrument tray 12 X18	5	Pcs.		
59	Rod to Rod clamps (for Fixation)(Peads and Adult) assorted sizes	100 (20 each of size 3, 5, 6, 7 and 8)	Pcs.		
60	Bristo for Tibia and Femur	14	Pcs.		
61	Curette	6	Pcs.		
62	Bone-Lever (Medium)	6	Pcs.		
63	Lance (Large)	6	Pcs.		
64	Towel Clips (Long)	10	Pcs.		
65	Medium Tray (for Sets) with holes	100	Pcs.		
66	Chuck (for K-wire ) E.O.T	10	Pcs.		
67	K-Wire (1.2 to 1.8)	200	Pcs.		
68	Dressing forceps Plain	100	Pcs.		
69	Mayo Scissor Straight	150	Pcs.		



70	Sponge Holder	100	Pcs.		
71	Mayo Needle Holder	150	Pcs.		
72	Towel Clip	150	Pcs.		
73	CVP Dressing Tray (Needs Sample) Almost 13" b l/12	100	Pcs.		
74	Dressing Scissors	100	Pcs.		
75	Mosquito Straight	100	Pcs.		
76	Mosquito Curved	100	Pcs.		
77	Bone Cutter	10	Pcs.		
78	POP Scissor	10	Pcs.		
79	POP Pliers	10	Pcs.		
80	Spencer 12/14	4	Pcs.		
81	Spencer 13/14	4	Pcs.		
82	Anal Pack Retractor	10	Pcs.		
83	Needle holder 2"	10	Pcs.		
84	Needle holder 3"	10	Pcs.		
85	Needle holder 4"	10	Pcs.		
86	Needle holder 5"	10	Pcs.		
87	Needle holder 6"	10	Pcs.		
88	Needle holder 7"	10	Pcs.		
89	Needle holder 8"	10	Pcs.		
90	Needle holder 9"	10	Pcs.		
91	Needle holder 10"	10	Pcs.		
92	Dressing Tray	300	Pcs.		
93	Kidney Tray Small size	60	Pcs.		
94	Galli Pot small size	60	Pcs.		
95	Medium size Tray	60	Pcs.		
96	Kidney Tray	100	Pcs.		

## **SECTION B: OMF IMPLANTS:**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted	
				Yes	No
<b>1</b>	<b>Mini Plate System (Titanium Material)</b>				
i.	Bone Adaptation Plate, 2.0 X 20 holes, Standard, Gr.3, 1.0T	300	Nos.		
ii.	Bone Adaptation Plate, 2.0 X 4 holes, Long Span, Gr.3, 1.0T	500	Nos.		
iii.	Bone Plate, 2.0 X 4 holes, L-type, Left, LS, Gr.3, 1.0T	70	Nos.		
iv.	Bone Plate, 2.0 X 4 holes, L-type, Right, LS, Gr.3, 1.0T	50	Nos.		
v.	Bone Plate, 2.0 X 8 holes, C-type, Standard, Gr.3, 1.0T	20	Nos.		
<b>2</b>	<b>Mid Plate System (Titanium Material)</b>				
i.	Bone Plate, 1.5 X 18 holes, Straight, Standard, Gr.2, 0.5T	200	Nos.		



ii.	Bone Plate, 1.5 X 6 holes, L-type, Left, LS, Gr.2, 0.5T, 100°	50	Nos.		
iii.	Bone Plate, 1.5 X 6 holes, L-type, Right, LS, Gr.2, 0.5T, 100°	50	Nos.		
iv.	Bone Plate, 1.5 X 8 holes, C-type, Standard, Gr.2, 0.5T	50	Nos.		
v.	Bone Plate, 1.5 X 5 holes, Y-type, Standard, Gr.2, 0.5T	25	Nos.		
vi.	Bone Plate, 1.5 X 6 holes, Double Y-type, Standard, Gr.2, 0.5T	25	Nos.		
vii.	Bone Plate, 1.5 X 6 holes, T-type, Standard, Gr.2, 0.5T	25	Nos.		
viii.	Orbit/Frontal Mesh (0.3mm)	40	Nos.		
<b>3</b>	<b>Maxi Plate System (Titanium Material)</b>				
i.	Reconstruction Straight Plate	50	Nos.		
ii.	Reconstruction L-Shaped Plate, Left	25	Nos.		
iii.	Reconstruction L-Shaped Plate, Right	25	Nos.		
<b>4</b>	<b>Other Items (Stainless Steel Material)</b>				
I	ACR Drill Bit, 1.3 x 70mm-stop 14mm	100	Nos.		
Ii	ACR Drill Bit, 1.6 x 60mm-stop 22mm	50	Nos.		
Iii	ACR Drill Bit for Reconstruction System	20	Nos.		
Iv	Plate Cutter for ACR Mid/Mini Plates	10	Nos.		
V	Plate Cutter for ACR Reconstruction Plates	10	Nos.		
Vi	Plate Bender for ACR Mid/Mini Plates	20	Nos.		
Vii	Plate Bender for ACR Reconstruction Plates	04	Nos.		
viii	Screw Driver Body for ACR Systems	20	Nos.		
Ix	Round & Fissure Burs	200	Nos.		
x.	Driver Blade for ACR Mid System	10	Nos.		
xi.	Driver Blade for ACR Mini System	10	Nos.		
xii.	Driver Blade for ACR Reconstruction System	05	Nos.		
<b>5</b>	<b>Screws for Mini System (Titanium Material)</b>				
ii.	Bone Screw, 2.0 X 6 mm, Self-tapping	2,500	Nos.		
iii.	Bone Screw, 2.0 X 8 mm, Self-tapping	2,500	Nos.		
iv.	Bone Screw, 2.0 X 10 mm, Self-tapping	800	Nos.		
v.	Bone Screw, 2.0 X 12 mm, Self-tapping	300	Nos.		
vi.	Bone Screw, 2.3 X 7 mm, Self-tapping, Emergency	100	Nos.		
vii.	Bone Screw, 2.3 X 9 mm, Self-tapping, Emergency	100	Nos.		
<b>6</b>	<b>Screws for Mid System (Titanium Material)</b>				
i.	Bone Screw, 1.5 X 4 mm, Self-tapping	1,100	Nos.		
ii.	Bone Screw, 1.5 X 5 mm, Self-tapping	1,500	Nos.		
iii.	Bone Screw, 1.5 X 6 mm, Self-tapping	1,500	Nos.		
iv.	Bone Screw, 1.5 X 7 mm, Self-tapping	400	Nos.		
v.	Bone Screw, 1.7 X 5 mm, Self-tapping, Emergency	100	Nos.		



vi.	Bone Screw, 1.7 X 7 mm, Self-tapping, Emergency	100	Nos.		
<b>7</b>	<b>Screws for Maxi System (Titanium Material)</b>				
i.	Bone Screw, 2.3 X 8 mm, Self-tapping	600	Nos.		
ii.	Bone Screw, 2.3 X 10 mm, Self-tapping	700	Nos.		
iii.	Bone Screw, 2.3 X 12 mm, Self-tapping	400	Nos.		
<b>8</b>	<b>Bone Substitutes TCP (USA, UK, FRANCE or Equivalent)</b>				
i.	Bone Block, TCP, 15x20x30mm (French)	10	Nos.		
ii.	Bone Injectable, TCP, 10cc (French)	10	Nos.		
iii.	Bone Grannules, TCP, 01cc (French)	10	Nos.		
<b>Note:</b> <ol style="list-style-type: none"> <li>1. All Implants should be CE Certified /FDA approved. (Certificate should also be attached).</li> <li>2. Material for implants should be <b>"Medical Grade"</b> and certification to that should be provided.</li> </ol>					

**Note:**

1. Items will be procured on approved quality/ sample basis; hence bidders are required to submit sample along with bidding documents.
2. Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.
3. The technical evaluation carried out by the Procurement Committee, SBB Accident Emergency & Trauma Centre, Karachi will be final, which will be assessed on clinical experience basis of the Consultant(s) in the relevant specialty.
4. Specifications approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.
5. Country of Origin should be Export Quality / Imported. (for Section A)

As required, following pay order/demand draft is enclosed on account of Security Deposit:

No: \_\_\_\_\_ Dated \_\_\_\_\_ Rs. \_\_\_\_\_ drawn  
on \_\_\_\_\_ Bank \_\_\_\_\_

Signature of Contractor / Supplier: \_\_\_\_\_

Name of Firm with full Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone: Off. \_\_\_\_\_ Fax: \_\_\_\_\_

Res: \_\_\_\_\_ Mobile: \_\_\_\_\_



## BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Addl. Medical Superintendent,  
SBB Accident Emergency & Trauma Centre,  
Karachi - 74200

Madam,

Having examined the bidding document and amendment thereon we the undersigned, offer to provide services / execute 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.

**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 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.
- 3) 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: \_\_\_\_\_

Bidder's signature  
and seal.

Date: \_\_\_\_\_



## CONTRACT FORM

THIS AGREEMENT made the ..... Day of .....(year) Between the Procuring Agency (hereinafter "the SBB TRAUMA CENTRE") of one part and .....(Name of Vendor) of .....(City and country of Vendor) (Hereinafter "the Supplier") of the other part:

WHEREAS the SBB TRAUMA CENTRE 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) SBB Trauma Centre 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 SBB TRAUMA CENTRE to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the SBB TRAUMA CENTRE to provide the goods (supply of Paint, Electrical and Plumbing items) and to remedy defects therein conformity, in all respects, with the provisions of the contract.

The SBB TRAUMA CENTRE 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 are as 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 behest of the said Principal we, the Guarantor above named, are held and firmly bound unto the Additional Medical Superintendent, SBB Accident Emergency & Trauma Centre, Karachi (hereinafter 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 modifications to the Guarantor being hereby waived, then, this obligation to be void; 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 effected 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:

1. \_\_\_\_\_  
(Name, Title, Signature & Seal)

2. \_\_\_\_\_  
(Name, Title, Signature & Seal)

\_\_\_\_\_  
Guarantor (Bank)

Signature:

\_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_



# **STANDARD BIDDING DOCUMENTS**



**GOVERNMENT OF SINDH  
SBB ACCIDENT, EMERGENCY & TRAUMA  
CENTRE KARACHI**

**TENDER REF. # AMS/SBB-TC/PROC/(UPC-02)2017-18**

**ROUGH COST ESTIMATE: 22 (M)**

**SUPPLY OF UNIFORM & PROTECTIVE  
CLOTHING**

**AT**

**SBB ACCIDENT, EMERGENCY & TRAUMA  
CENTRE, KARACHI.**



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# **INSTRUCTIONS TO BIDDERS**

1. **Shaheed Benazir Bhutto Accident Emergency & Trauma Centre** invites sealed bids on Single Stage Two Envelope system 46(2) as per Sindh Public Procurement Rules 2010, (Amended till date) from Manufacturers/Importers/Sole Agents/Contractors for **Supply of Uniform & Protective Clothing. Contract No:- AMS / SBB-TC / PROC / (UPC-02) 2017-18**
2. Bidders are required to check that Tender Documents issued to them are complete in all respects as per table of content.
3. 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.
4. 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.
5. 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.
6. 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.
7. The quoted rates should include all costs of whatsoever description and expenses necessary for the whole work together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
8. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
9. 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.
10. The vendor has to quote only one rate for each work as per tender specifications. Hand written tenders or any over writing, cutting, should be signed.



11. 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.
12. Contractor who will win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
13. 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.
14. Quantities of tender items are on estimated basis. They could vary according to the sanctioned amount as per discretion of Procurement Committee.



## **BIDDING DATA**

Procuring Agency	:	SBB Accident Emergency & Trauma Centre
Address	:	Chand Bibi Road, Karachi
Name of Item	:	<b>Supply of Uniform &amp; Protective Clothing</b>
Bid Validity	:	90 Days
Amount of Bid Security	:	2% of Bid Quoted Price
Last date of Selling of Bid	:	29-January-2018 till 08:30a.m.
Date of Submission of Bid	:	29-January-2018 From 09:00a.m to 11:00a.m
Date of Opening of Bid	:	29-January-2018 @ 11:30 am
Performance Security	:	2% of the Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage Two Envelope Procedure/ SPP rule 46(2)
Advance Payment	:	No Advance Payment
Period of Completion	:	Within three months of the award of tender or 30 <sup>th</sup> April 2018; whichever comes first OR with mutual understanding of schedule from store
Liquidity Damages	:	0.03% of the bid price per month after the period of Completion up to 10% maximum
Required Item Quality	:	All items will be procured on quality / approved Sample basis while brochures should also be attached where applicable.
Place of Delivery	:	Store of SBB Accident, Emergency & Trauma Centre



## **TERMS & CONDITIONS OF TENDER**

- a) SBB Accident Emergency & Trauma Centre invites sealed bids on **Single Stage Two Envelope Procedure** as per clause 46(2) of Sindh Public Procurement Rules 2010 (Amended till date) from Interested Bidders for ***“Supply of Uniform & Protective Clothing”***
- b) Tender Fee in shape of pay order in favor of Additional Medical Superintendent / DDO, SBB Accident Emergency & Trauma Centre must be attached; else the offer will be rejected.
- c) The registered Contractors / Suppliers / Manufacturers / Authorized Distributors should attach 2% of total estimated value of the quoted items with bid as **BID SECURITY** in shape of pay order issued from any scheduled Bank of Pakistan in favor of **Addl. Medical Superintendent/ D.D.O., SBB. Accident Emergency & Trauma Centre Karachi** in the financial proposal. However copy of same should be attached in technical proposal without showing the amount.
- d) **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Pay Order / Demand Draft or Bank Guarantee at 2% of the Contract Value. The same will be released after successful completion of contract period. Moreover, security deposit shall be forfeited by the Procuring Agency if contractor fails to comply with terms and condition of the contract at any stage during contract period.
- e) Bid should be dropped at Planning & Procurement Office, 12<sup>th</sup> Floor, SBB Accident Emergency & Trauma Centre by mail or by hand in due course of time and the same will be opened at Committee Room, 12<sup>th</sup> Floor, Admin Block, SBB Accident Emergency & Trauma Centre.
- f) Bid / offer will be evaluated as per criteria and the bid's terms & conditions.
- g) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax
- h) 0.35% of ordered amount should be placed on contract agreement as stamp duty on stamp paper of value (Rs.100).
- i) The firm will be responsible for ***“Supply of Uniform & Protective Clothing”*** at **SBB Accident Emergency & Trauma Centre, Karachi Reference No:- AMS/SBB-TC/PROC(UPC-02)/2017-18** at consignee address. (SBB Accident Emergency & Trauma Centre Karachi (If it fails the Security Deposit will be forfeited).
- j) Procurement Committee 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.
- k) 20% of the due Sindh Sales Tax (if applicable) will be deducted from the bill of the Contractors / Suppliers while remaining 80% will be deposited by the Contractors / Suppliers themselves.
- l) 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.
- m) Conditional tender and tender without bid security shall not be considered.
- n) GST / Income Tax Certificate must be accompanied with tender



- o) 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). Payment will be made after receipt of bill / invoice duly fills in all respects.
- p) 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.
- q) Prices quoted shall remain valid up to one year
- r) No tender will be entertained without Bid Security / Earnest money will be forfeited to Government Treasury, in case of non-submission of Performance security within seven (7) days of receipt of letter of Acceptance.
- s) Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.
- t) If the supplier fails to give supply and install within the stipulated period, liquidity charges will be imposed.
- u) Registration from Sindh Revenue Board is not required in procurement of Goods.

I / We agree to above mentioned terms & conditions:

Name of Contractor \_\_\_\_\_ Signature \_\_\_\_\_

(CNIC NO \_\_\_\_\_ (Copy must be attached).)

Full Address \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Rubber Stamp \_\_\_\_\_



**CRITERIA FOR EVALUATION OF BID****(Bidders are required to submit following documents in mentioned sequence)**

S.#	List of Documents	Yes	No
1.	Compliance of Terms & Conditions / Instructions mentioned in the Bid Form / NIT.		
2.	Relevant Experience with documentary proof (Last Three Years)		
3.	i) Registration with Income Tax – NTN Certificate ii) Copy of Professional Tax 2017-18		
4.	a) General Sales Tax (Mandatory) b) Sindh Sales Tax (if applicable) / Sindh Board of Revenue (Registration is not required in procurement of Goods)		
5.	Bank Certificate / Bank Statement regarding financial soundness (Last Three Years) of the firm to do business up till 15 Million each year.		
6.	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted and Litigated by any institute of Federal, Provincial Government or any Department / Agency / Organization / autonomous body or Private Sector Organization anywhere in Pakistan.		
7.	Copy of the Pay order / Bank Draft of Bid security / Earnest money should be attached without showing the amount along with technical bid document. (Original bid security should be attached with financial proposal).		
8.	Authorization / Distributors Certificates from Manufacturer where applicable		
9.	Sample of quoted item (Non-refundable)		
10.	Bidder already providing same services at SBB-TC should obtain & attach a satisfactory performance certificate from competent authority.		

**NOTE:**

1. The offer will not be entertained if the required documents are not found attached.
2. Items will be procured on approved quality/ sample basis; hence bidders are required to submit sample along with bidding documents. Brochures should also be attached where applicable.
3. Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.
4. The technical evaluation carried out by the Procurement Committee, SBB Accident Emergency & Trauma Centre, Karachi will be final, which will be assessed on clinical experience basis of the Consultant(s) in the relevant specialty.
5. Specifications approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.



**SCHEDULE OF REQUIREMENT & PRICE FOR SBB ACCIDENT  
EMERGENCY & TRAUMA CENTRE KARACHI**

**Tender For "Supply of Uniform & Protective Clothing"**

**Reference No:- AMS/SBB-TC/PROC(UPC-02)/2017-18**

S.#	Item Detailed Description & Specification	Req. Qty.	Unit	Quoted Yes / No
1	<b>Bed Sheet White with hospital logo</b> and department identification Size 60 x 100 With various colors (as per existing at SBB Trauma Centre)	1,125	Pcs.	
2	<b>Pillow Cases White with hospital logo</b> and department identification Size 18 x 28 With various colors (as per existing at SBB Trauma Centre)	750	Pcs.	
3	<b>Pillow Fiber / Foam (Master / Diamond or equivalent)</b> With various colors with ragzine (as per existing at SBB Trauma Centre)	225	Pcs.	
4	<b>Printed Patient Suit( Gown + trouser) – round neck – 6" overlap – 4 to 6 straps tying behind – unisex hospital logo</b> department identification <b>Size: Medium With various colors</b> (as per existing at SBB Trauma Centre)	225	Pcs.	
5	<b>Printed Patient Suit( Gown + trouser) – round neck – 6" overlap – 4 to 6 straps tying behind – unisex hospital logo</b> department identification <b>Size: Ex-Large With various colors</b> (as per existing at SBB Trauma Centre)	750	Pcs.	
6	<b>Orthopedic Patient Suit( Gown + trouser with sides open)</b> open sleeves with stainless steel button & Hospital logo Free Size (as per existing at SBB Trauma Centre)	1,125	Pcs.	
7	<b>Paeds Suit( Gown + trouser with Elastic) Printed</b> (as per existing at SBB Trauma Centre)	375	Pcs.	
8	<b>Parachute Gown for Critical Care With various colors</b> (as per existing at SBB Trauma Centre)	375	Pcs.	
9	<b>Scrub Suit( Shirt + trouser) Unisex design</b> in following colors Turquoise, Royal blue, Military blue Light blue color (and other colors) <b>Size: Medium, Large, Ex-Large</b> (as per existing at SBB Trauma Centre)	375	Pcs.	



10	Towel White <b>12x12</b> (Best Quality)	3,750	Pcs.	
11	Towel White <b>20x40</b> (Best Quality)	750	Pcs.	
12	<b>Thermal Blanket</b> (Best Quality)	150	Pcs.	
13	<b>Mortuary Sheet 60x98</b> (Best Quality)	3,750	Pcs.	
14	<b>Over gown for Multipurpose use</b> Size: Large With gray color with hospital monogram (as per existing at SBB Trauma Centre)	375	Pcs.	
15	<b>Surgical Gown</b> (Reinforced Disposable Gown with towel and wrapping paper) (as per existing at SBB Trauma Centre)	11,250	Pcs.	
16	<b>C Arm Cover with Clip</b> (Disposable) (as per existing at SBB Trauma Centre)	375	Pcs.	
17	Surgical Shield Mask (Tie-on) Blue	750	Pcs.	
18	<b>Disposable Eye Goggles</b> (as per existing at SBB Trauma Centre)	750	Pcs.	
19	<b>Beard Cover</b> (Disposable) (as per existing at SBB Trauma Centre)	2,250	Pcs.	
20	<b>Bed Cover Sheet</b> Disposable (for stretcher) (as per existing at SBB Trauma Centre)	37,500	Pcs.	
21	<b>Shoe Cover (Disposable)</b> Must be compatible with Sanitary shoe cover dispenser (Botao)	18,750	Pcs.	
22	<b>Disposable Apron</b> (as per existing at SBB Trauma Centre)	45,000	Pcs.	
23	<b>Uniform for Senior male Staff (Nurse)</b> with hospital monogram Small, Medium, Large, XL & XXL (as per existing at SBB Trauma Centre)	115	Pcs.	
24	<b>Uniform for Senior Female Staff (Nurse)</b> with hospital monogram Small, Medium, Large, XL & XXL (as per existing at SBB Trauma Centre)	100	Pcs.	
25	<b>Uniform for Female and Male Staff</b> (Receptionist & Others) with hospital monogram various sizes (as per existing at SBB Trauma Centre)	150	Pcs.	
26	<b>Uniform for Female and Male Staff</b> (Aya) with hospital monogram Various sizes (as per existing at SBB Trauma Centre)	115	Pcs.	
27	<b>Uniform for Male Ward Boy</b> with hospital monogram Medium=150 Large=275 XL=125 (as per existing at SBB Trauma Centre)	550	Pcs.	



28	<b>Uniform for Junior Male Staff (Nurse)</b> with hospital monogram Small, Medium, Large, XL & XXL (as per existing at SBB Trauma Centre)	435	Pcs.	
29	<b>Uniform for Junior Female Staff (Nurse)</b> with hospital monogram Small, Medium, Large, XL & XXL (as per existing at SBB Trauma Centre)	400	Pcs.	
30	<b>Mackintosh Sheet</b>	140	Roll	
31	<b>Disposable Eye Sheet</b>	1,125	Pcs.	
32	<b>Woolen Blanket Regular (Best Quality)</b>	750	Pcs.	
33	<b>Tip cleaner OT (Best Quality)</b>	750	Pcs.	
34	<b>Cardiac Sugery Disposable Kit</b> as per industry standard	175	Pcs.	
35	<b>Orthopedic Drape Pack</b> Consisting of following: Orthopedic U Drape PE 150x1801 Pc. Back Table Cover 150 x 200 1 Pc. Foot Cover 150 x180 1 Pc. Anaesthesia Drape 150 x 220 1 Pcs. Side Adhesive Drape 80 x 110 4 Pcs. X-Ray Bag 60 x 80 2 Pcs. OP Tape 10 x 30 2 Pcs. Surgical gown Large 2 Pcs. Medical Towel 40 x 40 2 Pcs. Wrap Paper 100 x 100 1 Pc. (as per existing at SBB Trauma Centre)	750	Pcs.	
36	Abdominal Sponge 10" x 10" with radex (Best Quality)	3,750	Pcs.	
37	Abdominal Sponge 6" x 6" with radex (Best Quality)	1,500	Pcs.	
38	Abdominal Sponge 6" x 10" with radex (Best Quality)	1,500	Pcs.	
39	Disposable Cover for (Operating Panel) (Best Quality)	1,125	Pcs.	
40	Disposable Cover (Lead Shield) (Best Quality)	1,125	Pcs.	
41	Disposable Probe Cover (Ultra Sound) (Best Quality)	1,125	Pcs.	
42	<b>Slippers for OT (Best Quality)</b> Size: 10 & 11	750	Pcs	
43	<b>Spinal Sheet with Hole for Anesthesia</b>	75	Pcs.	

**NOTE:**

1. The offer will not be entertained if the required documents are not found attached.
2. Items will be procured on approved quality/ sample basis; hence bidders are required to submit sample along with bidding documents.
3. Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.
4. The technical evaluation carried out by the Procurement Committee, SBB Accident Emergency & Trauma Centre, Karachi will be final, which will be assessed on clinical experience basis of the Consultant(s) in the relevant specialty.



5. Specifications approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.

As required, following pay order/demand draft is enclosed on account of Security Deposit:

No: \_\_\_\_\_ Dated \_\_\_\_\_ drawn on \_\_\_\_\_

Bank \_\_\_\_\_

Signature of Contractor / Supplier: \_\_\_\_\_

Name of Firm with full Address:

\_\_\_\_\_

Email Address: \_\_\_\_\_ Phone: Off. \_\_\_\_\_

Fax: \_\_\_\_\_ Res: \_\_\_\_\_ Mobile: \_\_\_\_\_



## BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Addl. Medical Superintendent,  
SBB Accident Emergency & Trauma Centre,  
Karachi - 74200

Madam,

Having examined the bidding document and amendment thereon we the undersigned, offer to provide services / execute 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.

**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 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.
- 3) 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: \_\_\_\_\_

Bidder's signature  
and seal.

Date: \_\_\_\_\_



## CONTRACT FORM

THIS AGREEMENT made the ..... Day of ..... (Year) Between the Procuring Agency (hereinafter "the SBB TRAUMA CENTRE") of one part and .....(Name of Vendor) of .....(City and country of Vendor) (Hereinafter "the Supplier") of the other part: WHEREAS the SBB TRAUMA CENTRE 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) SBB Trauma Centre 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 SBB TRAUMA CENTRE to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the SBB TRAUMA CENTRE to provide the goods and to remedy defects therein conformity, in all respects, with the provisions of the contract.

The SBB TRAUMA CENTRE 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 are as under:

Solutions, service or material	Quantity	Unit price	Amount	Remarks

IN WITNESS where of the parties here to 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 e of the said Principal we, the Guarantor above named, are held and firmly bound unto the Additional Medical Superintendent, SBB Accident Emergency & Trauma Centre, Karachi (hereinafter 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 modifications to the Guarantor being hereby waived, then, this obligation to be void; 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 effected 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)
2. \_\_\_\_\_  
(Name, Title, Signature & Seal)

Signature: \_\_\_\_\_

Name: \_\_\_\_\_  
Title: \_\_\_\_\_



**STANDARD BIDDING DOCUMENTS**



**GOVERNMENT OF SINDH**

**SBB ACCIDENT EMERGENCY & TRAUMA CENTRE  
KARACHI**

**REF No:- AMS/SBB-TC/PROC/(INST-06)2017-18**

**ROUGH COST ESTIMATED: 20 Million**

**SUPPLY OF NEURO SURGERY IMPLANTS &  
INSTRUMENTS**

**At**

**SBB Accident Emergency & Trauma Centre, Karachi**



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## **INSTRUCTIONS TO BIDDERS**

1. **Shaheed Benazir Bhutto Accident Emergency & Trauma Centre** invites sealed bids on **Single Stage - Two Envelope System 46(2)** as per Sindh Public Procurement Rules 2010, amended till date from Manufacturers/Importers/Sole Agents/Contractors for **“SUPPLY OF NEURO SURGERY IMPLANTS & INSTRUMENTS”**, Reference No.AMS / SBB-TC / PROC / (INST-06) 2017-18.
2. Bidders are required to check that Tender Documents issued to them are complete in all respects.
3. Bidders should examine carefully. 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.
4. 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.
5. 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.
6. 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.
7. The quoted rates should include all costs of whatsoever description and expenses necessary for the whole work together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
8. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
9. 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.
10. The vendor has to quote only one rate for each work as per tender specifications. Hand written tenders or any over writing, cutting, should be signed.
11. 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.
12. Contractor who will win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
13. 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.
14. Quantities of tender items are on estimated basis. They could be vary according to the sanctioned amount as per discretion of Procurement Committee.



## **BIDDING DATA**

Procuring Agency	:	SBB Accident Emergency &Trauma Centre
Address	:	Chand Bibi Road, Karachi
Name of Item	:	<b>SUPPLY OF NEURO SURGERY IMPLANTS &amp; INSTRUMENTS</b>
Bid Validity	:	90 Days
Amount of Bid Security	:	2% of Bid Quoted Price
Last date of Selling of Bid	:	29-January-2018 till 08:30a.m.
Date of Submission of Bid	:	29-January-2018 From 09:00a.m to 11:00a.m
Date of Opening of Bid	:	29-January-2018 @ 11:30 am
Performance Security	:	2% of the Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage Two Envelope Procedure/ SPP rule 46(2)
Advance Payment	:	No Advance Payment
Period of Completion	:	Within three months of the award of tender or 30 <sup>th</sup> April 2018; whichever comes first OR with mutual understanding of schedule from store
Liquidity Damages	:	0.03% of the bid price per day after the period of Completion upto 10% maximum
Required Item Quality	:	All items will be procured on quality / approved Sample basis while brochures should also be attached where applicable.
Place of Delivery	:	Store of SBB Accident Emergency &Trauma Centre



## **TERMS & CONDITIONS OF TENDER**

- a) S.B.B. Accident Emergency & Trauma Centre invites sealed bids on **Single Stage-Two Envelopes Procedure** as per clause 46(2) of Sindh Public Procurement Rules 2010 (Amended till date) from Interested Bidders for “**SUPPLY OF NEURO SURGERY IMPLANTS & INSTRUMENTS**”.
- b) Tender Fee in shape of pay order in favor of **Additional Medical Superintendent / DDO, SBB Accident Emergency & Trauma Centre** must be attached; else the offer will be rejected.
- c) The Contractors / Suppliers / Manufacturers / Authorized Distributors should attach 2% of total value of the quoted items with bid as **BID SECURITY** in shape of Pay Order / Bank Draft issued from any scheduled Bank of Pakistan in favor of **Addl. Medical Superintendent/ D.D.O., SBB Accident Emergency & Trauma Centre Karachi**. Copy of Pay order/Demand Draft of Bid Security should also be attached without showing the amount quoted.
- d) **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Bank Guarantee at 2% of the Contract Value. The same will be released after successful completion of contract period. Moreover, security deposit shall be forfeited by the Procuring Agency if contractor fails to comply with terms and condition of the contract at any stage during contract period.
- e) Bid should be dropped at Planning & Procurement Office, 12<sup>th</sup> Floor, SBB Accident Emergency & Trauma Centre by mail or by hand in due course of time and the same will be opened at Committee Room, 12<sup>th</sup> Floor, Admin Block, SBB Trauma Centre.
- f) Bid / offer will be evaluated as per criteria and the bid's terms & conditions.
- g) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax
- h) 0.35% of ordered amount should be placed on contract agreement as stamp duty on stamp paper of value (Rs.100).
- i) The firm will be responsible for “**SUPPLY OF NEURO SURGERY IMPLANTS & INSTRUMENTS**” at consignee address. (SBB Accident Emergency & Trauma Centre Karachi). If it fails the Security Deposit will be forfeited.
- j) 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.
- k) 20% of the due Sindh Sales Tax (if applicable) will be deducted from the bill of the Contractors / Suppliers while remaining 80% will be deposited by the Contractors / Suppliers themselves.
- l) 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.



- m) Conditional tender and tender without bid security shall not be considered.
- n) GST / Income Tax Certificate must be accompanied with tender
- o) 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). The payment will be made within four weeks after receipt of bill / invoice duly fills in all respects.
- p) 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.
- q) Prices quoted shall remain valid till current FY- 2017-18.
- r) No tender will be entertained without earnest money. The earnest money will be forfeited to Government Treasury, in case of non-submission of security money within seven (7) days of receipt of the offer letter.
- s) Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.
- t) If the supplier fails to give supply within the stipulated period, liquidity charges will be imposed.
- u) Registration from Sindh Revenue Board is not required in procurement of Goods.

I / We agree to above mentioned terms & conditions:

Name of Contractor \_\_\_\_\_ Signature \_\_\_\_\_

(CNIC NO \_\_\_\_\_ (Copy must be attached).)

Full Address \_\_\_\_\_

Rubber Stamp \_\_\_\_\_



## **CRITERIA FOR EVALUATION OF BID**

### **Mandatory Requirements:**

**(Bidders are required to submit following documents in mentioned sequence)**

S.NO.	List of Documents	Yes	No
1.	Compliance of Terms & Conditions / Instructions mentioned in the Bid Form / NIT.		
2.	Relevant Experience with documentary proof (Last Three Years)		
3.	i) Registration with Income Tax – NTN Certificate ii) Copy of Professional Tax 2017-18		
4.	a) General Sales Tax (Mandatory) b) Sindh Sales Tax (if applicable) / Sindh Board of Revenue (Registration is not required in procurement of Goods)		
5.	Bank Certificate / Bank Statement regarding financial soundness of the firm to do business up till 10 Million each year. (For the last three years)		
6.	All Implants should be CE Certified /FDA approved. (Certificate should also be attached).		
7.	Copy of the Pay order / Bank Draft of Bid security / Earnest money should be attached without showing the amount along with technical bid document. (Original bid security should be attached with financial proposal).		
8.	Authorization / Distributors Certificates from Manufacturer where applicable.		
9.	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted and Litigated by any institute of Federal, Provincial Government or any Department / Agency / Organization / autonomous body or Private Sector Organization anywhere in Pakistan.		
10.	Sample of quoted item (Non-refundable)		

**Note:**

1. The offer will not be entertained if the required documents are not found attached.
2. The required items will be purchased on best quality/approved sample basis (CE marked/ FDA approved); hence Contractor(s) / Supplier(s) are instructed to submit (at Planning & Procurement Department) samples of bidding .
3. The technical evaluation carried out by the Procurement Committee, SBB Accident Emergency & Trauma Centre, Karachi will be final, which will be assessed on clinical experience basis of the Consultant(s) in the relevant specialty.
4. Only items approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.



**SCHEDULE OF REQUIREMENT & PRICE FOR SBB ACCIDENT  
EMERGENCY & TRAUMA CENTRE KARACHI**

**TENDER FOR SUPPLY OF NEURO SURGERY IMPLANTS &  
INSTRUMENTS**

**Reference No:- AMS/SBB-TC/PROC(INST-06)/2017-18**

**SECTION A: SPINAL IMPLANTS:**

Sr. No	Description Implants	Req. Qty.	Unit	Quoted Yes / No
1	Multiaxial polynice pedical Screw's	288	Pcs.	
2	Polynice Pedical Screw Inner's	288	Pcs.	
3	Polynice Rod's	72	Pcs.	
4	Multiaxial MIS Cupid Canulated Screw's	96	Pcs.	
5	MIS Cuopid Inner's	96	Pcs.	
6	MIS Cuopid Precountourd Rod's	48	Pcs.	
7	Bone Jector	24	Pcs.	
8	Laminoplasty Plates	36	Pcs.	
9	Laminoplasty Screw's	72	Pcs.	
10	Ceres Anterior Cervical Plate's	48	Pcs.	
11	Ceres Anterior Cervical Screw's	192	Pcs.	
12	Multiaxial Cobra Posterior Cervical Screw's	36	Pcs.	
13	Cobra Posterior Cervical Rod's	12	Pcs.	
14	Occipital Plate's	6	Pcs.	
15	Occipital Screw's	18	Pcs.	
16	Cobra Inner Screw's	48	Pcs.	
17	Aneurysum Clip's	24	Pcs.	
18	Bone Cement Gentamicin	72	Pcs.	
19	Mandible Plates Adaption	48	Pcs.	
20	Mandible Screw's	384	Pcs.	
21	Peek Lumber Cages	4	Pcs.	
22	Titanium Lumber Cages	5	Pcs.	
23	Peek Cervical Cages	4	Pcs.	
24	Titanium Cervical cages	5	Pcs.	
25	Paaramesh / Cylendrical Cages	24	Pcs.	
26	UFO Cervical Spacer	2	Pcs.	
27	Kyphoplasty Kit	12	Pcs.	
28	New Moon cage	2	Pcs.	
<b>Country of Origin: Imported</b>				



## **SECTION B: CRANIAL IMPLANTS (VP SHUNTS)**

<b>S. No.</b>	<b>Name of Required Items</b>	<b>Required Quantity</b>	<b>Unit</b>	<b>Quoted Yes / No</b>
1	<b>Medium Pressure Ventriculoperitoneal, VP Shunt Kits</b> 1- CSF Control Valve Burr-hole type. 2- Low, high and medium pressure valves as below: • 12 mm Low Pressure • 12 mm Medium Pressure • 12 mm High Pressure • 16 mm Low Pressure • 16 mm Medium Pressure • 16 mm High Pressure 3- Ventricular Catheter with X-Ray marking; L= 23 cm, O.D = 2.5 mm, I.D = 1.3 mm 4- Peritoneal Catheter with X-Ray marking and slits at peritoneal end; L = 90 cm, O.D = 2.5 mm, I.D = 1.3 mm 5- Length markers on kink free catheters to show inserted length during surgery.	300	Pcs.	
2	<b>Medium Pressure B-Contoured</b> 1- CSF Control Valve Contoured type. 2- Low, high and medium pressure valves as below: • Low Pressure, Small • Medium Pressure, Small • High Pressure, Small • Low Pressure, Regular • Medium Pressure, Regular • High Pressure, Regular 3- Ventricular Catheter with built-in X-Ray marking and anchoring clip 90°; L= 23 cm, O.D = 2.5 mm, I.D = 1.3 mm 4- Peritoneal Catheter with X-Ray marking and slits at peritoneal end; L = 90 cm, O.D = 2.5 mm, I.D = 1.3 mm 5- Length markers on catheters to show inserted length during surgery.	75	Pcs.	
3	<b>External Ventricular Drainage Kit</b> • Drainage Assembly• Ventricular Catheter, 35 cm, Barium Impregnated, with Trocar• Stainless Steel Stylet• Luerlock Connector• Red End-Plug• Fixation Collar• Graduated Chamber, 120ml• Drainage Bag, 700 mL • Braided Cord • Graduated Pressure Scale Tape • Anti-Reflux Valve	75	Pcs.	
4	<b>Lumber Drainage Kit</b> • 1 each Lumbar Catheter, 80 cm, Barium Impregnated • Tuohy Needle, 14-gauge, with Huber Tip • Blunt Needle, 20-gauge • Fixation Tabs • Luerlock Connector with Integral Plug • Strain Relief • Patient Connection Line Assembly • Drainage Bag, 700mL • Braided Cord	20	Pcs.	



5	<b>CSF- Lumber Drainage Kit</b> <ul style="list-style-type: none"> <li>• Lumboperitoneal Catheter, Barium Impregnated, 84cm</li> <li>• Catheter Connector</li> <li>• Fixation Tabs</li> <li>• Blunt Needle, 20-gauge</li> <li>• Tuohy Needle, 14-gauge, with Huber Tip</li> </ul>	6	Pcs.	
6	<b>Programmable Shunt Kit</b> • Ventricular Catheter with built-in with X-Ray marking and anchoring clip 90°; L= 23 cm, O.D = 2.5 mm, I.D = 1.3 mm• Peritoneal Catheter with X-Ray marking; L = 120 cm, O.D = 2.5 mm, I.D = 1.3 mm • Programming device. • Programmable Valve with five pressure setting option and built in ant siphoning device - AdultOR • Programmable Valve with pressure setting option built in ant siphoning device–Pediatric	4	Pcs.	
7	<b>High Pressure Shunt (12mm)</b>	5	Pcs.	
<b>Country of Origin: UK, USA, Europe or Equivalent</b>				

**Note:**

1. All Implants should be CE Certified /FDA approved. (Certificate should also be attached).
2. Contractor(s) / Supplier(s) are instructed to submit samples (at Planning & Procurement Department) for evaluation & quality approval.

Signature of Contractor / Supplier:

\_\_\_\_\_

Name of Firm with full Address:

\_\_\_\_\_

\_\_\_\_\_

E mail Address:

\_\_\_\_\_

Ph. Office: \_\_\_\_\_ Fax: \_\_\_\_\_ Res: \_\_\_\_\_

Mobile: \_\_\_\_\_



## BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Addl. Medical Superintendent,  
SBB Accident Emergency & Trauma Centre,  
Karachi - 74200

Madam,

Having examined the bidding document and amendment thereon we the 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 \_\_\_\_\_

**Project Title:**

We undertake to provide services/execute the above project or it part assigned to us in conformity with the said bidding documents which may vary in accordance with the schedule of prices attached herewith and coverage options made by SBB Accident Emergency & Trauma Centre 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:

Date:

Bidder's signature  
and seal.



## FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the \_\_\_\_ day of \_\_\_\_\_ 2016 between SBB Accident, Emergency & Trauma Centre, Karachi (hereinafter called the "Procuring Agency") of the one part and \_\_\_\_\_ (hereinafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency is desirous that Supply of Orthopedics & Hand Implants and Instruments at SBB Accident, Emergency & Trauma Centre, Karachi should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein.

**NOW this Agreement witnessed as follows:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
  - a) Letter of Acceptance;
  - b) Complete Form of Bid along with Schedules to Bid;
  - c) Conditions of Contract & Contract Data;
  - d) The Schedule of Prices;
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the works / services as per provisions of the Contract, 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.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

---

Signature of the Representative of  
Agency

---

Procuring  
Agency



## 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 e of the said Principal we, the Guarantor above named, are held and firmly bound unto the Additional Medical Superintendent, SBB Accident Emergency & Trauma Centre, Karachi (hereinafter 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 modifications to the Guarantor being hereby waived, then, this obligation to be void; 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 effected 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:

1. \_\_\_\_\_  
(Name, Title, Signature & Seal)

2. \_\_\_\_\_  
(Name, Title, Signature & Seal)

\_\_\_\_\_  
Guarantor (Bank)

Signature:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Title:  
\_\_\_\_\_



## **STANDARD BIDDING DOCUMENTS**



**GOVERNMENT OF SINDH**

**SHAHEED BENAZIR BHUTTO ACCIDENT EMERGENCY &  
TRAUMA CENTRE KARACHI**

**Ref No:- AMS/SBB-TC/PROC/(LSP-03) /2017-18**

**ROUGH COST ESTIMATE: 230 (M)**

**Supply, Installation, Testing & Commissioning of Medical Equipment,  
Machinery & Other Items**

**At**

**SBB Accident Emergency & Trauma Centre, Karachi**



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## **INSTRUCTIONS TO BIDDERS**

1. **Shaheed Benazir Bhutto Accident Emergency & Trauma Centre** invites sealed bids on **Single Stage- Two Envelop** Procedure as per Sindh Public Procurement Rules 2010, (Amended till date) from Manufacturers /Importers/Sole Agents/Contractors for **Supply, Installation, Testing & Commissioning of Medical Equipment, Machinery & Other Items SBB Accident Emergency & Trauma Centre, Karachi Reference No:- AMS/SBB-TC/PROC(LSP-03)/2017-18**
2. Bidders are required to check that Tender Documents issued to them are complete in all respects as per table of content.
3. 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.
4. 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.
5. 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.
6. 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.
7. The quoted rates should include all costs of whatsoever description and expenses necessary for the whole work together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
8. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
9. 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.
10. The vendor has to quote only one rate for each work as per tender specifications. Hand written tenders or any over writing, cutting, should be signed.



11. 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.
12. Contractor who will win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
13. 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.



#### 14. **SALIENT FEATURES / TERMS & CONDITION OF THE TENDER**

1.	<b>Name of Work &amp; Address</b>	:	<b>Supply, Installation, Testing &amp; Commissioning of Medical Equipment, Machinery &amp; Other Items at SBB Accident Emergency &amp; Trauma Centre, Karachi</b>  Reference No:- AMS/SBB-TC/PROC(LSP-03)/2017-18
2.	<b>Place of Issuance of Tender</b>	:	Planning & Procurement Department, 12 <sup>th</sup> Floor SBB Accident Emergency & Trauma Centre.  SPPRA website.
3.	<b>Date of pre-bid meeting</b>	:	In case requested by bidders or informed by Procurement Committee.
4.	<b>Method of opening of Tender</b>	:	It will be Single Stage Two Envelope system as per SPP Rules 2010 (Amended till date).
5.	<b>Venue of submission &amp; opening of Tenders</b>	:	Committee Room situated at 12 <sup>th</sup> Floor of the Administration Block of SBB Accident Emergency & Trauma Centre Karachi.
6.	<b>Date of Opening of Financial Proposals</b>	:	As informed by Procurement Committee to all participants
7.	<b>Validity of Tenders</b>	:	90 days as per Sindh Public Procurement Rules, 2010 (Amended till date).
8.	<b>Amount of Earnest Money/Bid Security</b>	:	2% of the Contract value in shape of pay-order / Demand draft from schedule bank to be submitted along with Financial Proposal & a copy should be attached in Technical Proposal.
9.	<b>Supply of Equipment</b>	:	Within three months after the opening of LC. However, this period is extendable as per mutual agreement/demand of the situation.
10.	<b>Installation Period</b>	:	It will start after receiving of equipment at site.
11.	<b>Maintenance Period</b>	:	It will start after the satisfactory installation of the equipment and issuance of Installation Certificate from the concerned official. <b>This period will remain functional till two years with replacement of parts.</b>
12.	<b>Warranty Period with replacement of Parts and services</b>	:	The warranty period of parts with Free of cost replacement will be for two years. Along with two years free service & maintenance from the date of Installation.
13. (a)	<b>Contract Agreement</b>	:	The Contractor shall enter & execute a formal Agreement as per the "Form" annexed with such modification as may be necessary.



(b)	<b>Stamp Paper / duty requirement for Agreement.</b>	:	0.35% of ordered amount should be placed on contract agreement as stamp duty on stamp paper of value (Rs.100).
<b>14.</b>	<b>Terms of Payment to Contractors.</b>		
(i)	<b>Payment to Contractors on opening of L.C (Letter of Credit) by Contractor.</b>	:	<p>a) Incase items are imported and supply orders placed on C &amp; F basis, Letter of Credit (L.C.)will be opened by Procuring Agency (Additional Medical Superintendent, SBB Accident Emergency &amp; Trauma Centre) as consignee and as per the prevailing rule of same. Performa invoice of the quoted amount on C&amp;F basis of the country of origin along with insurance cover note (PNRA fees) if applicable will also be submitted by the contractor(s).</p> <p>b) Bank charges in establishment of Letter of Credit (L.C.) fluctuation in currency if any and other miscellaneous charges on logistics, transportation clearing from sea port/ airport will also be paid/bear by the contractor(s).</p>
<b>15.</b>	<b>Release of Earnest Money/Bid Security of 2%</b>	:	To un-successful bidders, after work is awarded. Earnest Money will be released to successful bidder after purchase order is released but after Security Deposit is deposited as per item – 16.
<b>16.</b>	<b>Security Deposit</b>	:	10% Security Deposit in the shape of Bank Guarantee (5% each) will be submitted by Contractor to Procuring Agency which will be released as per item 17.
<b>17.</b>	<b>Release of Security Deposit of 10%</b>	:	<p>After completion of maintenance or Defect Liability period of two years as under:-</p> <ul style="list-style-type: none"> <li>• After satisfactory completion of maintenance period of Six Months – 5%</li> <li>• After satisfactory completion of maintenance period of two years – 5%</li> </ul>
<b>18.</b>	<b>VARIATION IN CONTRACT PRICE.</b>	:	NO VARIATION IN PRICE SHALL BE ALLOWED ON ANY GROUND INCLUDING CURRENCY FLUCTUATION/VARIATION OR WHATSOEVER.
<b>19.</b>	<b>Discrepancy.</b>	:	If there is any discrepancy between Salient Features of Tender/Bidding Documents and respective contents mentioned elsewhere, Salient Features / Terms & Conditions and Additional Terms & Conditions of Tender will govern.
<b>20.</b>	<b>Taxes.</b>	:	All taxes will be deducted as per prevalent laws of Country.
<b>21.</b>	<b>Approved makes.</b>	:	As mentioned in items individually.



22.	<b>SPECIAL NOTE REGARDING EQUIPMENTS</b>	:	<p>TECHNICAL OFFERS / COMMERCIAL OFFERS FAILING TO DEMONSTRATE BELOW DETAILS WOULD BE REJECTED:</p> <ul style="list-style-type: none"> <li>a. QUOTED SYSTEM MUST BE OF ADVANCED &amp; LATEST VERSION.</li> <li>b. TENDER MUST COVER COMPLETE EQUIPMENT.</li> <li>c. TENDER MUST COVER COMPLETE RANGE OF DISPOSABLES/ KITS</li> <li>d. TENDER MUST PROVIDE ALL TECHNICAL DETAILS UP TO THE SATISFACTION OF THE END USER.</li> <li>e. ITEMS SHOULD BE QUALITY APPROVED FROM THE CONCERNED INTERNATIONAL BODY OF THE RESPECTIVE INDUSTRY.</li> </ul>
23.	<b>Inspection of Imported equipment</b>	:	After the award of Purchase Order, Supplier shall take two persons to the manufacturing site and bear all expenses of visit in case the cost of Supply Order is 50 million or above.
(a)	<b>manufacturing site by the client.</b>		
(b)	<b>Training</b>		Supplier will provide on-site successful training to all the personnel working on/operating the said Equipment/machine as long as the need prevail.
24.	<b>Maintenance.</b>	:	Maintenance cost for all items for Two years from the date of successful Installation shall be undertaken by the Contractor (Maintenance includes all Parts & Labor, etc. with sufficient staff, during maintenance period).
25.	<b>Default in Preventive Maintenance, Breakdown and Emergency Calls.</b>	:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Moreover an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.</li> </ul>
26.	<b>COST TO BE QUOTED IN BOQ.</b>	:	<ul style="list-style-type: none"> <li>• The Contractors shall quote DDP and C&amp;F price of the Equipments including custom clearance etc. and delivering of Equipment at site with Installation &amp; Commissioning cost.</li> <li>• It should also include cost during maintenance period including the parts and maintenance staff.</li> </ul>



27.	<b>Tax Exemption.</b>	:	In case of purchase on <b>C&amp;F basis</b> , the required certificate will be issued by this office that the import has been made for this hospital, 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).
28.	<b>Biomedical Engineering:</b>	:	<p>Bidders are required to provide complaint with following;</p> <ul style="list-style-type: none"> <li>• Must provide service manuals with schematic diagrams (CD's)</li> <li>• Provide software's CD's with Windows/Linux with complete installation guidance.</li> <li>• Provide troubleshoot software (If Applicable)</li> <li>• Provide factory training or factory trained foreign engineer provide training to our Biomedical Staff.</li> <li>• Spare part list is mandatory for critical and diagnostic equipment (if applicable).</li> <li>• Calibrators/Testing equipment's should be provided by originally manufacturer or recommended by manufacturer (If applicable)</li> </ul>



### **BIDDING DATA**

Procuring Agency	:	SBB Accident, Emergency & Trauma Centre
Address	:	Chand Bibi Road, Karachi
Name of Item	:	Supply, Installation, Testing & Commissioning of Medical Equipment, Machinery & Other Items at SBB Accident Emergency & Trauma Centre, Karachi
Bid Validity	:	90 Days
Amount of Bid Security	:	2% of Bid Quoted Price
Last date of Selling of Bid	:	29-January-2018 till 08:30 a.m.
Date of Submission of Bid	:	29-January-2018 from 09:00 a.m. to 11:00 a.m
Date of Opening of Bid	:	29-January-2018 @ 11:30 a.m.
Performance Security	:	10% of the Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage Two Envelope Procedure/ SPP rule 46(2)
Advance Payment	:	No Advance Payment
Period of Completion	:	Within three months after A.O.T / The opening of L.C. in case of imported goods. OR with mutual understanding of schedule from store
Liquidity Damages	:	0.03% of the bid price per month after the period of Completion up to 10% maximum
Required Item Quality	:	All items will be procured on Specification approvals
Place of Delivery	:	Store of SBB Accident, Emergency & Trauma Centre



## **TERMS & CONDITIONS OF TENDER**

- a) SBB Accident Emergency & Trauma Centre invites sealed bids on **Single Stage Two Envelope Procedure** as per clause 46(2) of Sindh Public Procurement Rules 2010 (Amended till date) from Interested Bidders for **Supply, Installation, Testing & Commissioning of Medical Equipment, Machinery & Other Items at SBB Accident Emergency & Trauma Centre, Karachi.**
- b) Tender Fee in shape of pay order in favor of Additional Medical Superintendent / DDO, SBB Accident Emergency & Trauma Centre must be attached; else the offer will be rejected.
- c) The registered Contractors / Suppliers / Manufacturers / Authorized Distributors should attach 2% of total estimated value of the quoted items with bid as **BID SECURITY** in shape of Bank Draft issued from any scheduled Bank of Pakistan in favor of **Addl. Medical Superintendent/ D.D.O., SBB. Accident Emergency & Trauma Centre Karachi** in the financial proposal. However copy of same should be attached in technical proposal without showing the amount.
- d) **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Bank Guarantee at 10% of the Contract Value. The same will be released after successful completion of contract period **as per point# 17 of salient features.** Moreover, security deposit shall be forfeited by the Procuring Agency if contractor fails to comply with terms and condition of the contract at any stage during contract period.
- e) Bid should be dropped at Planning & Procurement Office, 12<sup>th</sup> Floor, SBB Accident Emergency & Trauma Centre by mail or by hand in due course of time and the same will be opened at Committee Room, 12<sup>th</sup> Floor, Admin Block, SBB Accident Emergency & Trauma Centre.
- f) Bid / offer will be evaluated as per criteria and the bid's terms & conditions.
- g) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax.
- h) 0.35% of ordered amount should be placed on contract agreement as stamp duty on stamp paper of value (Rs.100).
- i) The firm will be responsible for **Supply, Installation, Testing & Commissioning of Medical Equipment, Machinery & Other Items at SBB Accident Emergency & Trauma Centre, Karachi** at consignee address. (SBB Accident Emergency & Trauma Centre Karachi (If it fails the Security Deposit will be forfeited)).



- j) 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.
- k) 20% of the due Sindh Sales Tax (if applicable) will be deducted from the bill of the Contractors / Suppliers while remaining 80% will be deposited by the Contractors / Suppliers themselves.
- l) 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.
- m) Conditional tender and tender without bid security shall not be considered.
- n) GST / Income Tax Certificate must be accompanied with tender
- o) 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). Payment will be made within four weeks after receipt of bill / invoice duly fills in all respects.
- p) 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.
- q) Prices quoted shall remain valid up to current financial year.
- r) No tender will be entertained without Security deposit. The Security deposit will be forfeited to Government Treasury, in case of non-submission of Performance security within seven (7) days of receipt of letter of Acceptance.
- s) Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.
- t) If the supplier fails to give supply and install within the stipulated period, liquidity charges will be imposed.
- u) Registration from Sindh Revenue Board is not required in procurement of Goods.

I / We agree to above mentioned terms & conditions:

Name of Contractor \_\_\_\_\_ Signature \_\_\_\_\_

(CNIC NO \_\_\_\_\_ (Copy must be attached).)

Full Address \_\_\_\_\_

Rubber Stamp \_\_\_\_\_



## **TECHNICAL EVALUATION CRITERIA (MANDATORY)**

**(Bidders are required to submit following documents in mentioned sequence)**

S.#	List of Documents	Yes	No
1.	Compliance of Terms & Conditions / Instructions mentioned in the Bid Form / NIT.		
2	i) Registration with Income Tax – NTN Certificate ii) Copy of Professional Tax 2017-18		
3	Relevant Experience with documentary proof (Last Three Years)		
4	a) General Sales Tax (Mandatory) b) Sindh Sales Tax (if applicable) / Sindh Board of Revenue (Registration is not required in procurement of Goods)		
5	Bank Certificate / Bank Statement regarding financial soundness (Last Three Years) of the firm to do business up till 50 Million each year		
6	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted and litigated by any institute of Federal, Provincial Government or any Department / Agency / Organization / autonomous body or Private Sector Organization anywhere in Pakistan.		
7	Authority letter from Manufacturer where applicable.		
8	Copy of the Pay order / Bank Draft of Bid security / Earnest money should be attached without showing the amount along with technical bid document. (Original bid security should be attached with financial proposal).		
9	Guarantee of availability of parts of the supplied articles for 10 years.		
10	Brochure / Technical Data Sheet should be duly flagged and marked with pagination		

**Note:**

- Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.
- The technical evaluation carried out by the Procurement Committee, SBB Accident Emergency & Trauma Centre, Karachi will be final, which will be assessed on clinical experience basis of the Consultant(s) in the relevant specialty.
- Only items approved by the Consultant(s) in the relevant specialty will be considered by the Procurement Committee.



## TECHNICAL 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.**

### **Part A: Static Marking**

**Max Marks = 20**

S.#	Details	Maximum Marks
1.	<b><u>Establishment of Firm since</u></b> More than five years = 10 Up to five years = 05	10
2.	<b>Major Institution Served during last 3-year (Government/ non-government) with performance satisfaction certificates.</b>  Each certificate carry 2 marks (Maximum marks = 10)	10

### **Part B: Dynamic with Each Item quoted = 80 Marks**

3.	100% meet with specification.....80 marks 80% meet with specification.....60 marks Less than 80% meet with specification.....0 marks <b>Remarks:</b> 1) Specification would be evaluated on item to item basis and would be marked & declare qualified accordingly. 2) Country of origin: Item should be meet with approved make else the offer will be rejected	80
<b>TOTAL MARKS</b>		<b>100</b>



**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF  
MEDICAL EQUIPMENT, MACHINERY & OTHER ITEMS SCHEDULE  
OF REQUIREMENT & PRICE FOR S.B.B TRAUMA CENTRE, KARACHI  
DURING THE FINANCIAL YEAR 2017-18**

**A. Ophthalmology:**

S.#	SPECIFICATIONS	REQ. QTY.	UNIT	QUOTED YES / NO
01	<p><b>Operating Microscope</b></p> <ul style="list-style-type: none"> <li>Motorized zoom system, 1:6 zoom ratio,</li> <li>Apochromatic optics</li> <li>Programmable handgrips buttons to operate all functions including start and stop of recording system.</li> <li>Continuously motorized focusing system via hand grip control</li> <li>Magnetic brakes in arm and stand</li> <li>Deep view: depth of field management system</li> <li>Dual port illumination for brilliant red reflex illumination and surrounding full field illumination, both are adjustable.</li> <li>Retinal protection device</li> <li>Inclinable binocular tube with 10X wide field Eye Piece</li> <li>Integrated Fiber optic Halogen Illumination</li> <li>12V – 100W halogen illumination with fully automatic bulb change when necessary</li> <li>Motorized XY Coupling</li> <li>Objective lens f=200 mm</li> <li>Integrated HD camera system</li> <li>Integrated video recording system on USB.</li> <li>Integrated Beam Splitter</li> <li>Integrated 0 degree assistant scope with magnification system</li> <li>Water proof foot control panel wireless</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>	01	Unit.	
02	<p><b>Ophthalmic Photo Coagulator</b></p> <p><u>Features:</u></p> <ul style="list-style-type: none"> <li>810 nm output</li> <li>Multi-wavelength capabilities (up-gradable)</li> <li>Programmable with personalized memory settings</li> <li>All laser settings controlled through the remote control touch screen and advanced foot pedal voice module.</li> </ul> <p><u>Specification:</u></p> <ul style="list-style-type: none"> <li>Wavelength: 810 nm</li> <li>Power: 3 W</li> <li>Pulse duration: 0.01 s to continuous</li> <li>Repeat interval: 0.1 – 0.2 – 0.3 – 0.5 – 0.7 s</li> <li>Emission modes: single, repeat, continuous, painting &amp; micropulse</li> <li>Aiming beam: 650 nm read laser diode</li> <li>Cooling: By peltier effect</li> </ul> <p><u>Consisting of:</u></p> <ul style="list-style-type: none"> <li>Main Unit</li> <li>Special Footswitch [enabling increase &amp; decrease of power through foot switch]</li> </ul>	01	Unit	



	<ul style="list-style-type: none"><li>• Indirect Ophthalmoscope attachment</li><li>• Endo attachment with Five Endo Probes &amp; laser filter</li></ul> Cyclophotocoagulation <p><b>Consisting of:</b></p> <ul style="list-style-type: none"><li>• Set of five cyclo probes 01</li><li>• Sutoclaveable foot plate for positioning</li><li>• Cyclophotocoagulation probe 01</li></ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>																							
03	<p><b>Diathermy machine with accessories:</b></p> <p>Generator modules should offer automatic power adjustment for all control technologies.</p> <ul style="list-style-type: none"><li>• Voltage control for gentle, reproducible cutting and coagulation</li><li>• Microprocessor based electrosurgical unit for normal and underwater cutting usages.</li><li>• Operation in radio frequency range 350 KHz</li><li>• Arc control for high energy cutting or coagulation and for cutting under water</li><li>• Power control to maintain constant power levels during coagulation and devitalization</li><li>• Spray coagulation mode</li><li>• Automatic self test function</li><li>• Different gradation of blending of cutting and coagulation power</li><li>• Controls for cutting, coagulation, spray and blends</li><li>• Digital display of all controls and set values of cutting and coagulation power</li><li>• Audio and video alarms</li></ul> <p>Machine should easily be utilized for:</p> <ul style="list-style-type: none"><li>• General surgery</li><li>• Gastroenterology / endoscopy</li><li>• ENT</li><li>• Orthopaedic</li><li>• OMF's</li><li>• Ophthalmology</li><li>• Pulmonology</li></ul> <p><b>FEATURES / SPECIFICATION</b></p> <p>The operational design of machine should enable fast, direct access to the program parameters. Using of various buttons, power values should be user friendly and effect should be easily and directly adjust.</p> <ul style="list-style-type: none"><li>• Patients plate should have finest standards with regard to the safety of monopolar electrosurgery.</li></ul> <p><b>PRESELECTABLE EFFECTS SETTINGS</b></p> <p>Should have proven surgical results with reproducible tissue effects.</p> <p><b>TECHNICAL DATA</b></p> <p>Operation in radio frequency rank 350 KHz</p> <p>Control for cutting, coagulation, spray and blends</p> <p><b>Power out monopolar and bipolar</b></p> <table><tr><td>Maximum CUT output monopolar</td><td>300 watt at 500 ohm</td></tr><tr><td>Maximum CUT output bipolar</td><td>80 watt</td></tr><tr><td>Maximum COAG output monopolar</td><td>upto 200 watt</td></tr><tr><td>Maximum COAG output bipolar</td><td>50 watt</td></tr></table> <p>Safety system NESSY</p> <p>Frequency 350 Khz</p> <p><b>MAIN CONNECTION</b></p> <table><tr><td>Power frequency</td><td>50 to 60 Hz</td></tr><tr><td>Power input during standby</td><td>40 watt</td></tr><tr><td>Power input during max output</td><td>500 watt/920 VA</td></tr><tr><td>System voltage</td><td>220 V to 240 V</td></tr></table> <p>Potential equalization connection</p> <p>Audio and video alarms</p> <p>Spray coagulation mode</p> <p><b>DIMENSIONS AND WEIGHT</b></p> <table><tr><td>Width X height X depth</td><td>410x65x380 mm (± 5 %)</td></tr><tr><td>Weight</td><td>9 Kg or less</td></tr></table> <p><b>STANDARDS</b></p> <p>Classification according to 93/42 EWG standards</p> <p>Items should be complaint with the industry standards.</p> <p>Machine should include mono polar handle with cord, bipolar forcep with cord, trolley,</p>	Maximum CUT output monopolar	300 watt at 500 ohm	Maximum CUT output bipolar	80 watt	Maximum COAG output monopolar	upto 200 watt	Maximum COAG output bipolar	50 watt	Power frequency	50 to 60 Hz	Power input during standby	40 watt	Power input during max output	500 watt/920 VA	System voltage	220 V to 240 V	Width X height X depth	410x65x380 mm (± 5 %)	Weight	9 Kg or less	1	Set	
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<p>attachement for monopolar coagulation, knife electrode. Surgical electrode ball shape Wire loop electrode Needle electrode Ball electrode Reusable silicon patient plate Double paddle foot switch explosion proof</p> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>			
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## B. ANAESTHESIA:

S.#	SPECIFICATIONS	REQ. QTY.	UNIT	QUOTED YES / NO
01	<p><b>Blood Warmer / Fluid Warmer</b> <b>Superior Performing Technology</b> Should Deliver normothermic fluids to the patients at routine surgical flow rates of 50- 5,000 ml/hr Patented triple lumen patient line to prevents fluid cool down. warm patient line to provide convenient positioning in the theatre, during surgery. Disposable only requires 20 ml priming volume. Simple lock-in disposable. Swivel luer lock. Rotatable Drain Tube for easy drainage of solution from reservoir. Durable case.</p> <p><b>Control Module</b> Voltage 210-240V Frequency 50/60Hz</p> <p>Flow range 5-100 ml/min (300-6000ml/hr) <b>Supplied with Standard Accessories</b> 1. Power cord 2. Operation Guide 3. 50 Tubing sets disposable</p> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>	08	Sets	
02	<p><b>Patient Warming System for OT</b> <b>Technical Specification:</b></p> <ul style="list-style-type: none"> <li>• Height: 94cm</li> <li>• Width: 35cm</li> <li>• Depth: 48cm</li> <li>• Weight: 54.9 kg empty; 64.0 kg full</li> <li>• Material: Aluminum Shell, 16 gauge steel chassis</li> <li>• Flow rate: 1 liter per min. with H/H blanket</li> <li>• Power: 220V, 240V, 50Hz, 6A</li> <li>• Temperature Settings: Manual: 4 to 42C; Automatic: 30 to 39C</li> <li>• Electrical cord: 4.6m detachable power cord</li> </ul> <p><b>Feature:</b></p> <ul style="list-style-type: none"> <li>• Water inlets and outlets for two patient blanket</li> <li>• Manual (blanket temperature) auto (patient temperature) and monitor set-up and operation modes</li> <li>• Patient probe connector on front of machine</li> <li>• Digital display windows for blanket, patient and set point temperature degrees C/F toggle</li> <li>• Alerts lights for check water flow, check patient probe, add water flow and remove from service – printed instructions above water fill id</li> <li>• 15 foot power cord</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>	02	Sets	



03	<p><b>Warmer Blanket System</b></p> <p>The System should be very soft, strong and convenient. The diffusing surface must ensures optimum performance and increased heating capacity. It should also enable the use of low pressure, preventing the blanket from floating and allowing it to drape perfectly. Required for ICU, Ventilators, Bays and recovery areas in Operation Theaters.</p> <p><b>Parameters:</b></p> <ul style="list-style-type: none"> <li>• Temperature range = 32 to 42C or more / ambient</li> <li>• Automatically cut off system</li> <li>• HEPA / ULPA filter</li> <li>• Thermal protection thermostat / temperature cut of system</li> <li>• Display Preferable LCD colored</li> <li>• Service error code generated</li> <li>• Mounting / Trolley</li> <li>• Hose 1.5 or more</li> <li>• Power Cord Length      Standard</li> <li>• Limited Warranty          3 years</li> </ul> <p><b>Blankets:</b></p> <ul style="list-style-type: none"> <li>• System should have a range of blankets for different applications and could be used for pre-, per-, and post-operative warming.</li> <li>• The system should have a range of reflective blankets, equipped with a reflective top layer, increasing heating capacity and reflecting patient's radiant body heat, preserving body temperature.</li> </ul> <p><b>Description/ Different Sizes to cover different parts of body:</b></p> <ul style="list-style-type: none"> <li>• Adult / Peadiatric</li> <li>• Lower Body</li> <li>• Upper Body</li> <li>• Half Upper Body</li> <li>• Torso</li> <li>• Surgical Access (sterile)</li> <li>• Surgical Access</li> </ul> <p><b>SUPPLIED WITH</b></p> <ul style="list-style-type: none"> <li>• AC power Cable</li> <li>• Operation Guide</li> <li>• At least 5 / sizes asked for</li> <li>• Original trolley</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>	18	Sets	
04 (a)	<p><b>Flexible Bronchoscope + Light Source</b></p> <p><b>Intubation video endoscope 4.0 mm diameter with suction valve,</b></p> <ul style="list-style-type: none"> <li>• Latest CMOS/CCD technology based scope</li> <li>• Integrated LED Light Source</li> <li>• Fibreless scope with a camera chip on the tip technology</li> <li>• Image quality of 110,000 pixels or more</li> <li>• Controls button for Imaging, White Balance &amp; Video Recording</li> <li>• Deflection up/down: 140°/140° or better</li> <li>• Direction of view: 0°</li> <li>• Angle of view: 100°</li> <li>• Working length: 60 - 65cm or better</li> <li>• Total length: 90 cm or better</li> <li>• Working channel inner diameter: 1.5 mm or better</li> <li>• Including Accessories:</li> <li>• Leakage Tester</li> <li>• Tube Holder</li> <li>• Cleaning Brush</li> <li>• Irrigation Adaptor</li> <li>• Suction Valve</li> <li>• Bronchoscope Insertion Tube, size 4</li> <li>• Bronchoscope Insertion Tube, size 2</li> </ul>	02	Units	



	<ul style="list-style-type: none"> <li>• Plug, package of 10</li> <li>• Protection Cap</li> </ul> <b>Portable Imaging Monitor</b> <ul style="list-style-type: none"> <li>• 7" or more TFT Wide Angle View Display</li> <li>• Can connect Video Endoscope &amp; Video Laryngoscope</li> <li>• Video Imaging in 4:3 or better format</li> <li>• High image resolution with 110,000 pixels or more</li> <li>• Documentation with SD Storage and backup on USB memory</li> <li>• Connection for use of two video endoscopes</li> <li>• HDMI output for connection to a external monitor</li> <li>• Play back system for images &amp; videos</li> <li>• Operates even during charging</li> <li>• 2 hours battery back-up</li> <li>• Protective shield / Cap for Flexible scope</li> <li>• Holder / Hanger for Flexible scope</li> <li>• Imported Stand from the same manufacturer</li> <li>• Plastic sterilization container for flexible endoscopes</li> </ul> <ul style="list-style-type: none"> <li>• Biopsy forceps, oval, flexible double action jaws, diameter 1mm, length 110cm or more, for flexible / compatible bronchoscopes</li> </ul> <ul style="list-style-type: none"> <li>• Grasping forceps, flexible, double action jaws, diameter 1 mm, length 110cm or more, for flexible / compatible bronchoscopes.</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b>  <b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>			
<b>04</b> <b>(b)</b>	<b>Flexible Bronchoscope + Light Source</b> <b>Intubation video endoscope 5.5mm diameter with suction valve,</b> <ul style="list-style-type: none"> <li>• Monitor compatible with chip technology</li> <li>• Screen Size 7"</li> <li>• 1280x800 pixel resolution or better</li> <li>• Two Camera Inputs</li> <li>• USB and a HDMI port</li> <li>• Optimized user interface</li> <li>• Video &amp; Image Capturing in real time on SD card</li> <li>• Playback of recorded video clips and still images</li> <li>• Data transfer from SD card to USB flash drive possible</li> <li>• Splash proof</li> <li>• Wipe disinfection</li> <li>• Shock-resistant ABS plastic housing</li> <li>• Intelligent power management with Li-ion batteries</li> <li>• Power adapter</li> <li>• Power supply 210-240VAC, 50/60Hz</li> <li>• Flexible intubation video Endoscope 5.5x65</li> <li>• Case</li> <li>• Pressure compensation cap</li> <li>• Leakage Tester</li> <li>• Tube Holder</li> <li>• Cleaning Brush</li> <li>• Irrigation Adapter</li> <li>• Suction Valve</li> <li>• Bronchoscope insertion Tube, Size 4, Sterile</li> <li>• Bronchoscope insertion Tube, Size 2, Sterile</li> <li>• Plug</li> <li>• Protection Cap for use with Monitor</li> <li>• IV-Stand / cart for monitor</li> <li>• Standard Height</li> <li>• Five legs and antistatic castors with tray</li> </ul>	<b>01</b>	<b>Unit</b>	



	<ul style="list-style-type: none"> <li>Protection tube for flexible telescopes, for single / reusable use unsterile, distal closed, package of 10, for use with holder for flexible Endoscopes.</li> <li>Holder / Hanger for flexible Endoscope, for mounting to standard tubes incl. Installation accessories.</li> <li>Plastic container for Flexible Endoscopes, suitable for gas and hydrogen peroxide sterilization and storage, use with a flexible endoscope</li> <li>Biopsy forceps, oval, flexible double action jaws, diameter 1mm, length 110cm or more, for flexible bronchoscopes / compatible</li> <li>Grasping forceps, flexible, double action jaws, diameter 1 mm, length 110cm or more, for flexible bronchoscopes / compatible</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b>  <b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>			
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## C. OPERATION THEATER / ICU

01	<p><b>Intraosseus Needle set with Accessories:</b></p> <ul style="list-style-type: none"> <li><b>Power driver</b> The EZ-IO Power Driver is a sealed hand held, lithium battery powered medical device Arrow, EZ-IO, Medical USA or equivalent</li> <li><b>Needle Set</b> EZ-IO 25mm&gt;3kg (Adult needle set) Arrow EZ-IO Medical USA or Equivalent EZ-IO 45mm (&gt;40kg, excessive tissue humerus) Medical USA or equivalent</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b>  <b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>	01	Set	
02	<p><b>ECHO Machine for Cardiac ICU</b></p> <ul style="list-style-type: none"> <li><b>Digital Color Doppler Echocardiography</b></li> <li>128-PHYSICAL CHANNELS AND MORE THAN 150,000 or more-RECEIVING / PROCESSING CHANNELS ECHOCARDIOGRAPHY SYSTEM WITH FULLY DIGITAL BEAM FORMER HAVING 2D / M-MODE, DOPPLER FACILITIES, AND 2D SPECKLE TRACKING (PW, CW, HPRF, &amp; COLOR FLOW IMAGING) WITH A HIGH RESOLUTION IMAGING DOPPLER SIGNAL QUALITY, FOR CARDIAC AND VASCULAR STUDIES.</li> </ul> <p><b>1) B-Mode Specification</b></p> <ol style="list-style-type: none"> <li>Sector scan angle variable.</li> <li>Viewing depth: 35+32 and more (both in B&amp;W and color).</li> <li>Frame rate: 1000 f/sec or more.</li> <li>Built in cine loop with ability to vary reverse and slow motion of display; internal cine memory: 256mb.</li> <li>Real time and freeze image magnification at least 20x or more with panning for real, freeze and memorized images.</li> </ol> <p><b>2) M-Mode Specification</b></p> <ol style="list-style-type: none"> <li>Magnification: x2 or more.</li> <li>Sweep speed: slow, medium, fast.</li> <li>Color display of m-mode &amp; b-mode</li> </ol> <p><b>D-Mode Specification</b></p> <ol style="list-style-type: none"> <li>Pulse-wave Doppler measurable velocity range.</li> <li>HPRF doppler.</li> </ol> <p><b>c. Continuous-Wave Doppler</b></p> <ol style="list-style-type: none"> <li>Measurable velocity range: steerable.</li> <li>Must have doppler beam steering and bi-directional stereo-audio.</li> </ol> <p><b>C. Colorized spectrum display.</b>  <b>D. Sample volume 1-20mm</b></p> <p><b>3) Color Doppler Mode Specifications</b></p> <ol style="list-style-type: none"> <li>Both CW and PW Doppler must be continuous steerable in the color blood flow image mode in real time.</li> <li>2D image with color, CW and PW Doppler.</li> </ol>	01	Unit	



<ul style="list-style-type: none"> <li>○ Windows based system for easy usage with programmable control panel keys.</li> <li>○ Tissue harmonic imaging with 3 thi or more frequency.</li> </ul> <p>Power doppler.</p> <ul style="list-style-type: none"> <li>○ Triplex mode for simultaneous display of color B/M and D-mode displays.</li> <li>○ 250 db system dynamic range or more.</li> </ul> <p><b>4) Measurement Package</b></p> <ul style="list-style-type: none"> <li>• To provide comprehensive software package for measurement of distance, circumference, area, time depth, velocity, frequency, heart rate, Volumes, E.F., F.S., cardiac output, pressure gradients.</li> </ul> <p><b>5) System Complete with following Facilities and Accessories</b></p> <ul style="list-style-type: none"> <li>○ 19-inches or more display area for ultrasound diagnostic image display led color monitor, with resolution 1280 x 1024 pixels minimum .</li> <li>○ Foot-Switch</li> <li>○ 4 transducer connector minimum for transthoracic probes, so that all probes can be connected simultaneously.</li> <li>○ DVD/CD drive for image storage to be Built in to the system.</li> <li>○ 500GB or more hard-disk drive to be Built in to the system.</li> <li>○ Built-in Dicom compatibility.</li> <li>○ Stress echo system.</li> <li>○ Touch command screen control 10-inches or more.</li> <li>○ 2D speckle tracking with 6 segmental strain, strain rate, velocity, displacement, rotation.</li> <li>○ Radial strain to evaluate muscle thickening of heart for dyssynchrony heart muscles along with graphic display. automatic tracking of epicardial and endocardial borders to visualize and measure radial strain studies.</li> <li>○ Dicom media storage.</li> <li>○ System software must be upgradeable.</li> <li>○ System should have the capability for stress echo, tdi quantification, contrast harmonic and myocardial velocity gradient measurements by adding software only.</li> </ul> <p><b>6) STANDARD PROBES :</b></p> <ul style="list-style-type: none"> <li>○ - 5 to 11 mhz or more better, multi frequency linear probe with 3-thi frequency with independent linear steering of <math>\pm 20^\circ</math> for b/w and color.</li> <li>○ 2 to 4 mhz multi frequency sector probe with 3-thi frequencies for b, m, b/m, pw, cw and color modes for adults. 2 Nos.</li> <li>○ 4 to 6mhz multi frequency phased array sector with 3-thi frequency for pediatrics.</li> <li>○ Multi-frequency tee probe for adult studies.</li> <li>○ Multi-frequency tee probe for pediatrics studies.</li> </ul> <p><b>COUNTRY OF ORIGIN MANUFACTURER: USA, EEC, JAPAN OR EQUIVALENT</b></p> <ol style="list-style-type: none"> <li>7) Tissue Doppler imaging mode with pulse wave TDI.</li> <li>8) Tissue harmonic imaging without contrast with two harmonic frequencies.</li> <li>9) Auto image optimization/quick scan imaging for automatic STC / gain and doppler spectrum adjustment with optimal image quality by using one touch operation.</li> <li>10) B-flow/dynamic flow imaging / c-flow with doppler spectrum.</li> <li>11) Trapezoid imaging.</li> <li>12) Sono CT/compound/aplure imaging for both frequency compounding and spatial compounding in B/W and color mode.</li> <li>13) Adaptive suppression imaging /precision imaging to enhance B-mode imaging, detailed in layers and boundaries and sharpened outlines of the lesions and reduce cluttering as per equipment.</li> <li>14) Panoramic view imaging.</li> <li>15) Tissue strain imaging with 2D strain and 2D displacement, TDI with pulse wave TDI, strain rate, rate of change with time as graph radial, transverse, 2D longitudinal, and circumference strain, radial strain, calculation all should be provided, speckle tracking in 2D imaging for CRT. 2D speckle tracking with 6 segmental strain, radial strain to evaluate muscle thickening of heart for dyssynchrony heart muscles along with graphic display.</li> </ol> <p><b>Optional to be Quoted Separately</b></p> <ul style="list-style-type: none"> <li>○ Three year warranty with 2 years of free service. Total five years</li> <li>○ International training facilities</li> <li>○ B/W thermal printer</li> </ul> <p>Compatible UPS</p> <p>Backup: In case of interrupted services due failure when contractor shall provide backup within 24 hours for continuation of same.</p> <p><b>SYSTEM MUST HAVE FDA / CE / MHLW.</b></p> <p><b>Bidders are required to demonstrate the working of quoted items as per the convenience of the end user.</b></p> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>			
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03	<b>Slow Sucker For Cardiac ICU</b> <u>Technical Specifications:</u> <ul style="list-style-type: none"> <li>•Reciprocating Maintenance- free &amp; Oil free pump mechanism.</li> <li>•Portable suction unit with one jar of standard capacity, Auto clav able &amp; unbreakable jars.</li> <li>•Aspiration rate up to 15 liters/min, vacuum range should start from -90 mbar/-68 mm Hg.</li> <li>•Battery charging time: up to 1 hr at least.</li> <li>•Vacuum continuously adjustable.</li> <li>•Suction tubing silicon.</li> <li>•Should have piston /cylinder system for a vibration free and quiet system.</li> <li>•Electrical Safety.</li> <li>•Attach holder &amp; plug-in suction unit.</li> <li>•Indication battery status.</li> <li>•Battery: 12/2.2 Ah</li> <li>•Power: 220V /50 HZ.</li> <li>•Standard Accessories.</li> </ul> <b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b> <b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b>	10	Sets	
04	<b>Laser Goggles for Eye OT</b>	8	Nos.	
05	<b>MCCOY Laryngoscope with Different Blades</b>	4	Sets	
06	<b>Air Suction Boogies</b> Adult, Peads & Assorted Sizes	10	Nos.	
07	<b>Heaters</b>	12	Units	
08	<b>External Pacing Device</b>	2	Pcs	
09	<b>Battery Backup for Intra Aortic Balloon pump machine</b> (compatible with existing)	2	Pcs	
10	<b>Co2 Adapter for ECG Invasive Monitors</b> Compatible with existing	75	Pcs	
11	<b>Defibrillator:</b> <ul style="list-style-type: none"> <li>• Biphasic Defibrillator with Monitor and Recorder Synchronized Cardio version</li> <li>• Non fade display LCD / TFT or more with standard display size.</li> <li>• Biphasic trans thoracic (external) defibrillation waveform delivery system.</li> <li>• Cardio version: Defibrillation output synchronized to ECG, with sync Indicator.</li> <li>• Energy Charging Control on front panel &amp; Apex paddle</li> <li>• Charge Indicators: Visual indication of charging process</li> <li>• Audible indication of charge up to selected energy level value displayed on monitor</li> <li>• Charging Time: Less than 10 sec for Maximum Energy.</li> <li>• Energy Delivery: Control on Sternum &amp; Apex paddle.</li> <li>• Waveform Trace speed. 25 mm/sec.</li> <li>• Recorded for ECG waveform and printing of Defibrillation energy.</li> <li>• 3 Channel recorded speed: 25mm/sec</li> <li>• AC 220V/50hz</li> <li>• Built in rechargeable battery with charger for 3 hours operation &amp; minimum 50 shocks at maximum energy.</li> <li>• 02 Years warranty with all parts and accessories</li> <li>• Disposable AED pads for adults, peadiatrics and infants at least 10 in number each.</li> <li>• One package of ECG electrodes and ECG paper each</li> <li>• 1 AC power module</li> <li>• Battery capacity: Lithium ion with capacity of at least 100 full energy shocks</li> </ul> <b>Parameters:</b> <ul style="list-style-type: none"> <li>• ECG Sizes of: ¼ , ½, 1, 2 ,4 auto gain.</li> <li>• Numeric: Heart Rate.</li> <li>• ECG Trace</li> <li>• Lead Selection: Paddles and Lead I,II &amp; III through patient cable.</li> </ul>	10	Sets	



	<ul style="list-style-type: none"> <li>Variable gain: to adjust size of ECG wave form</li> <li>Should be upgradable to spO2, etcO2 and NIBP monitoring.</li> </ul> <b>Output Parameters:</b> <ul style="list-style-type: none"> <li>Delivered Energy: adjustable from 2-200 joules for external defibrillation.</li> <li>Adjustable from 3 to 50 joules for internal / Pediatric Defibrillation.</li> <li>ALARMS: High and low heart rate alarms</li> <li>Low battery warning</li> </ul> <b>Other features:</b> <ul style="list-style-type: none"> <li>Only for Operation Theater (OT) Internal pacing should be available with at least adult, Peds &amp; Infant sets of internal paddle Req Qty- 03</li> <li>External pediatric paddles attachment Req. Qty. 2</li> </ul> <b>Make:</b> US/ EEU / Japan <b>Certification:</b> CE/FDA <b>Complete Job:</b> Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) <b>COUNTRY OF ORIGIN:</b> USA, EEC, JAPAN OR EQUIVALENT			
12	<b>Orthopaedic Drill</b> <ul style="list-style-type: none"> <li>Drill Battery Operated, Cannulated.</li> <li>2 x Jacob's chuck for drill attachment</li> <li>2 x batteries including 2 battery casing</li> <li>1 Charger</li> <li>1 Box of placement</li> <li>2 x Chuck keys</li> <li>Saw attachment for drill</li> <li>4 x Saw blades (Broad &amp; Narrow) multiple sizes</li> <li>Gigli Saw</li> <li>Drill Bit 3.2mm x 3 (SS rods)</li> <li>Drill bit 2.5mm x 3 (SS rods)</li> </ul> <b>Complete Job:</b> Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) <b>COUNTRY OF ORIGIN:</b> USA, EEA, UK & JAPAN OR EQUIVALENT	01	Set	
13	<b>Magnifying Medical Loupes:</b> Description: The required item should have following specification: <ul style="list-style-type: none"> <li>a) With 2.5x magnification with head light and Titanium eyeglass frame (Qty-01)</li> <li>b) With 2.5x magnification with head light and sports eyeglass frame (Qty-01)</li> </ul> <b>Country of Origin:</b> UK, USA, Japan or Equivalent	02	Pcs.	
14	<b>Cuff 2xs-Single port</b> Size 250mm x 55mm <b>Make:</b> Germany or Equivalent	03	Pcs.	
15	<b>Cuff 2xs-Single port</b> Size 290mm x 70mm <b>Make:</b> Germany or Equivalent	03	Pcs.	

#### D. Radiology:

1	<b>Hand Held Ultrasound Machine</b> <b>System Standard features:</b> <ul style="list-style-type: none"> <li>Handheld ultrasound exceptional quality of imaging technology with the mobility and connectivity of a compatible smart device</li> <li>08" or More Multi-touch user interface Display</li> <li>Operational Modes: B Mode, M Mode, Colour Flow Mode</li> <li>Gray shades: 256 (8 bits) in 2D</li> <li>Microfine 2D focusing with dynamic focal tuning</li> <li>Digital Channel 60,000 more</li> <li>Scanning Depth: 30 cm</li> <li>Max. Dynamic range 160db or more</li> <li>Digital Reconstructed Zoom Up to Three Time With Pan Capability With Intuitive Multi-Touch Control.</li> <li>Full Screen Mode-Available in live-imaging or review</li> </ul>	02	Nos.	
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	<ul style="list-style-type: none"> <li>• Cineloop Review Capability</li> </ul> <p><b><u>Clinical Application</u></b></p> <ul style="list-style-type: none"> <li>• Abdominal</li> <li>• Obstetrical/Gynecological</li> <li>• Gallbladder</li> <li>• Lung</li> <li>• Soft tissue</li> <li>• Vascular</li> <li>• Echo</li> <li>• FAST</li> <li>• Musculoskeletal (MSK)</li> <li>• Superficial</li> </ul> <p><b><u>System Advance Application Software as standard</u></b></p> <ul style="list-style-type: none"> <li>• AutoScan 2D No-touch continuous intelligent Optimization Available in live-imaging or review</li> <li>• Edge enhancement software Available in 2D, Zoom, Post-freeze and Cine loops</li> <li>• Real Time Compound Imaging with Enhanced Needle Visualization</li> <li>• Tissue Harmonic imaging</li> <li>• M Mode Available on all Transducers</li> <li>• Patient data storage on device</li> <li>• barcode reader software</li> <li>• DICOM image store and Retrieve Worklist</li> <li>• Image Export in PC format (MP4 clips, PNG images) via email or direct connection to PC</li> <li>• Secondary Display Available</li> </ul> <p><b><u>Standard Probes</u></b></p> <ul style="list-style-type: none"> <li>• 4-12MHz MULTI-FREQUENCY Linear Array</li> </ul> <p><b><u>Optional Probe to be quoted</u></b></p> <ul style="list-style-type: none"> <li>• 2-5 MHz Multi-Frequency Convex Array</li> <li>• 1-4 MHz Multi-Frequency Phased Array</li> </ul> <p><b><u>Country of Manufacturer</u></b></p> <ul style="list-style-type: none"> <li>• USA/Europe/Japan or equivalent</li> </ul> <p><b>System Should be FDA/CE approved</b></p> <p><b>All technical specification to be verified from OEM printer Brochure &amp; specification brochure</b></p> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b></p> <p><b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>			
02	<p><b>Ultrasound Machine:</b></p> <p><b><u>Specifications of color Doppler (Portable) with dedicated software, designs and device support</u></b></p> <p><b><u>General</u></b></p> <ul style="list-style-type: none"> <li>• Should be light weighted which can be used as portable -carried easily.</li> <li>• Should have UPS built in battery backup of 1 hour or more and 3 hours of standby.</li> <li>• 100,000 or more processing channels color doppler.</li> <li>• 500 GB disk drive to be built into system.</li> <li>• 20M-MODE</li> <li>• Doppler</li> <li>• PW, HPRF Doppler</li> <li>• Color flow imaging</li> <li>• Tissue harmonic imaging</li> <li>• Viewing depth: 37cm or more.</li> <li>• Frame rate 1,000 or more</li> <li>• Sweep speed: slow, medium, fast.</li> <li>• complete DICOM 3.0 compatibility: <ul style="list-style-type: none"> <li>◦ Storage: directly transmit images with patient information to a DICOM file server.</li> </ul> </li> <li>• patient data management system (in built) as standard</li> </ul>	6	Units	



- ECG module as standard

#### **SPECIFIC**

- Pulse repetition frequency range
- PWD= 18 m/sec or more,
- Doppler beam steering
- Sample gate size: 1-20mm in steps
- On line 3-ports or more for imaging (all ports should have option for pw, and color (with additional probe extender) doppler, Doppler beam steering and bi-directional stereo audio.
- Both CW & PW doppler must be continuously steerable in color blood flow imaging mode in real time.
- HPRF Doppler.
- Live measurements for doppler spectrum.
- Colorized spectrum display
- Tissue harmonic imaging with 4 harmonic frequencies or more.
- 20 image with color flow, CW and PW doppler.
- Auto image optimization/quick scan for single button optimization of all scanning parameters including stc overall gain and doppler spectrum.
- Trapezoid imaging for linear probes.
- Needle guidance on image with multiple angle selection
- B-flow/dynamic flow imaging / c-flow for low flow velocity vessels (should be available as option).
- Dual live mode. Two live image windows side by side with one having color flow and one having only b-mode image.
- PW doppler must be continuous steerable in the color blood flow image mode in real time.
- 250 db system dynamic range ore more.
- Triplex mode for simultaneous display of color B/M and D-mode displays.
- Complete B-Mode measurement package
- Complete Colour flow-Mode measurement package
- Complete PW-Mode measurement package
- Complete M-Mode measurement package
- Abdomen measurement package.
- Vascular measurement package.
- Urology measurement package.
- Small parts measurement package.
- Pediatrics measurement package.
- MSK measurement package.
- Cardiology measurement package.
- Comprehensive software package for measurement of distance, circumference, area, time depth, velocity, frequency, heart rate and volume.

#### **SYSTEM COMPLETE WITH FOLLOWING FACILITIES AND ACCESSORIES.**

- Full 19-inches or more color monitor display area for diagnostic imaging lcd/tft with resolution 1280 x 1024 pixels minimum. Flat screen non-interlaced.
- Minimum 3-ports for transducer.
- Led display to indicate the active probe.
- B/W thermal printer.
- Compatible UPS (imported)
- Gel: 50 liters
- 100 High density thermal paper rolls.
- System software must be upgradeable.

#### **STANDARD PROBES**

- 2-6 MHz Multi-frequency convex probe for B/M/CDI/PW.
- 5-11 MHz Multi-frequency linear probe for B/M/CDI/PW.
- 2-4 MHz Cardiac probe

#### **STD RECORDING DEVICES SPECIAL NOTE:**

- Built-in cd/dvd recorder for digital image storage
- External 4 channel usb
- System to have native dicom compatibility.



<ul style="list-style-type: none"> <li>System should be upgradeable to Ecg measurement.</li> <li>Dicom media storage.</li> </ul> <p><b>Quality certifications</b></p> <ul style="list-style-type: none"> <li>Should be USA FDA 51 O(k) and CE both approved</li> </ul> <p><b>Voltage</b> 100-240 AC</p> <p><b>Warranty</b></p> <ul style="list-style-type: none"> <li>Should have a warranty of 5 years with parts</li> </ul> <p><b>Printer:</b></p> <ul style="list-style-type: none"> <li>Should have digital thermal printer.</li> <li>Country of manufacture: USA! Europe / Japan.</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b> <b>COUNTRY OF ORIGIN: USA, EEC, JAPAN OR EQUIVALENT</b></p>			
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### E. ER Equipment

S.#	SPECIFICATIONS	REQ. QTY.	UNIT	QUOTED YES / NO
1	<b>PAT Slide</b> for smooth shifting of patients	5	Set	
02	<p><b>Patient Stretcher trolley</b></p> <ul style="list-style-type: none"> <li>Size: 1930*640*500/900mm</li> <li><b>Function:</b></li> <li>Height adjustable: 400mm;</li> <li>Black rest upward: 0-75 degree;</li> <li><b>Material:</b></li> <li>1) The cart frame is made of high quality aluminum alloy.</li> <li>2) Cart surface and foldable side rails are made of ABS material.</li> <li>3) Crank handle made of stainless steel.</li> <li>4) Imported 4 Nos. heavy duty 150mm castors along with 1 No. center noiseless castors.</li> <li><b>Introduction:</b></li> <li>The international advanced centrally controlled brake system is applied is applied to the cart and therefore stable and reliable.</li> <li>The cart surface is of separate structure with the back rest section supported by the imported pneumatic spring. Thus the cart is operated easily and simply.</li> <li>CE Marked / Imported</li> </ul> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b> <b>Country of Origin: Imported or Best Export Quality</b></p>	25	Pcs.	

### F. Dental Equipment:

S.#	SPECIFICATIONS	REQ. QTY.	UNIT	QUOTED YES / NO
01	<p><b>OPG X-Ray Machine</b></p> <p>Specifications:</p> <p><b>DYNAMIC</b></p> <ul style="list-style-type: none"> <li>High performance with versatile range of Imaging Programs.</li> <li>Superior Image Quality For better Diagnostics.</li> <li>Highly Sensitive CMOS sensor technology.</li> <li>Optimized Daily Work Flow.</li> </ul> <p><b>DIRECT</b></p> <ul style="list-style-type: none"> <li>Control Panel.</li> <li>Clear Functionality Simplifies Operation.</li> <li>Patient positioning system.</li> <li>Automatic Exposure setting</li> <li>Compact with small foot point.</li> </ul> <p><b>DURABLE</b></p> <ul style="list-style-type: none"> <li>Robust system designed for intensive use.</li> <li>System and Accessories.</li> <li>Long Service Life.</li> </ul>	1	Set	



	<p><b>Stable And Accurate patient Positioning</b></p> <ul style="list-style-type: none"> <li>• Point positioning system.</li> <li>• Easily adjustable, self locking temple support.</li> <li>• Familiar 3 laser light for Accurate Positioning.</li> <li>• Support Imaging with patient in standing and /or sitting position.</li> </ul> <p><b>Technical Data:</b>  <b>Configuration</b>  Panoramic + ceph (Left/ Right)  <b>Panoramic &amp; Cephometric Imaging</b></p> <p>One Ceph Sensor for panoramic &amp; Cephometric imaging  Sensor Type CMOS  Imaging Programs Adult panoramic, child panoramic. Bitewing  Sectional TMJ lateral, TMJ PA sinus.  Cephometric Imaging Programs Full width and child lateral, PAIAP</p> <p><b>Software</b>  2D Scanora Software 5.2</p> <p><b>X-Ray Generator</b>  Generator High Frequency  Focal Spot 0.5 mm  Minimum total filtration 3.2 mm AL  Anode Voltage 57-90 KV  Anode Current 4-16 mA</p> <p><b>General</b>  Weight with ceph 250kg (551lbs)  Dimensions with ceph 2414x1995x1405mm</p> <p><b>Power Requirement</b>  Line Voltage 220-240V/100-120V (50/60 Hz)</p> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b>  <b>Make: UK, USA, EEC, Japan or Equivalent.</b></p>			
02	<p><b>Physio dispenser:</b></p> <p>Performance:</p> <ul style="list-style-type: none"> <li>• Power supply : 230V-115V; 50/60Hz</li> <li>• Absorbed Power : 109VA</li> <li>• Precise Torque Adjustment : max 80Ncm</li> <li>• Precise Speed adjustment : 400-40000 rpm</li> <li>• Insulation : Class I, type BF</li> <li>• Peristaltic pump max irrigation : 90 ml/min</li> <li>• 10 settable programs</li> </ul> <p>Innovation  Surgery Data Can be downloaded to any Computer by a simple USB Key.  Text format, without additional cable or software.</p> <p>Hygiene  Extended Service life of parts requires sterilization. Suitable for Autoclave  Sterilization: Motor, Cable and Connector.</p> <p>Accessory  Implant ology contra-angle with micro-head 20:1 reduction external sprayer  With possible internal spraying.  Multi – Function Foot – Control  Used to Implant Motor on/off (or variable speed on demand)  Reverse spraying and retrieve programs.</p> <p><b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b>  <b>Make: UK, USA, EEC, Japan or Equivalent.</b></p>	1	Set	
03	<p><b>PIEZOSURGERY UNIT</b></p> <p>Excellent performance in safety with precise adjustment of power and vibration  Spraying system control through peristaltic pump  User Friendly, immediate and intuitive use by touch keyboard and wide display  Control unit with a peristaltic pump  Electric auto clavable hand piece  On/off switch pedal – optional: multifunction pedal (PED)-  Basic kit with n.6 tips</p>	1	Set	



	Two sterile irrigation tube <b>Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period)</b> <b>Make: UK, USA, EEC, Japan or Equivalent.</b>			
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### G. Computer Hardware & Equipment

S. No.	Description of Work	Qty.	Unit	Quoted Yes / No
01	<b>Scanner Flat Bed</b> 1200 x 1200 DPI or Higher optical resolution for exceptional scans of photos, slides, negative and documents Superior color accuracy, photo reproduction with six colors Automatic document feeder Paper size: legal, letter, A4 and custom Plug & Play using Hi-Speed USB compatible with USB 2.0 or greater Media Types: Paper (banner, inkjet, photo, plain) envelops, labels, cards (greeting, index), 3-D objects, 35mm Slides and negatives (using transparent material adapter), iron-on transfer the scanner must be of latest Version international recognized brand Catalogue / brochure should be attached Warranty should be of two years (local) by manufacturer The complete system must be international recognized brand catalogue / Brochure should be attached duly flagged. Complete Job: Supply, Installation, Testing, Commissioning and Maintenance (during maintenance period) <b>Country of Origin: UK, USA, Japan Equivalent</b>	20	Nos.	
02	<b>Camera for Vascular Department</b> 1) DSLR Camera with Lens 18 x 200mm or Better with Tripod Stand & Speed lite Flash for recording of surgery in theatres Description: The required item should have following specifications; Effective Pixels: 20.0 MP or better ISO range: <ul style="list-style-type: none"> <li>100-16000 Standard</li> <li>25600 expanded or better</li> </ul> Movie option: <ul style="list-style-type: none"> <li>1080p/60/50/30/25/24</li> <li>Mp4 or MOV</li> <li>All -I, IPB, IPB-lite</li> </ul> No. of AF points: <ul style="list-style-type: none"> <li>65(all cross type, centre double-cross)</li> </ul> Metering sensor-assisted AF tracking <ul style="list-style-type: none"> <li>Yes</li> </ul> Maximum Shutter speed: <ul style="list-style-type: none"> <li>1/8000<sup>th</sup> sec or better</li> </ul> Flash sync speed: <ul style="list-style-type: none"> <li>1/250<sup>th</sup> sec or better</li> </ul> Screen: <ul style="list-style-type: none"> <li>3.0" 3:2 or better</li> <li>1,036, 800dots</li> <li>(720 x 480 px, RGB)</li> </ul> Viewfinder: <ul style="list-style-type: none"> <li>100% coverage</li> <li>1.0x magnification</li> <li>(0.63 x in 35mm terms)</li> </ul> Continuous drive: <ul style="list-style-type: none"> <li>10 fps or better</li> </ul> Buffer depth: <ul style="list-style-type: none"> <li>1090 JPEG</li> </ul>	1	Set	



	<ul style="list-style-type: none"> <li>• 31 Raw</li> </ul> Storage: <ul style="list-style-type: none"> <li>• Compact flash</li> <li>• SD/SDHC/SDXC</li> </ul> Weight (inc batteries): <ul style="list-style-type: none"> <li>• 910g (2.0 lb)</li> </ul> Dimension: <ul style="list-style-type: none"> <li>• 149x112x78mm</li> <li>• (5.9 x 4.4 x 3.1")</li> </ul> GPS: <ul style="list-style-type: none"> <li>• Built in</li> </ul> Wi fi: <ul style="list-style-type: none"> <li>• Built-in</li> </ul> <b>Country of Origin: UK, USA, Japan or Equivalent</b>			
03	<b>Main Conference Board Room</b> <b>Interactive Touch LED Panel</b> Full HD 1080p Size "65" Inch Multi Touch Interactive Tap & Create, Floating Toolbar HDMI, VGA, USB, Wifi, Software, Complete Training 3 years warranty  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	1	Set	
04	<b>Center unit</b> Center unit "HTDZ"  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	01	Set	
05	<b>Center Cable</b> Center Cable Unit  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	01	Set	
06	<b>Delegated Mic</b> Delegated Mic "HTDZ"  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	24	Sets	
07	<b>Chairman Mic</b> Chairman Mic "HTDZ" Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	01	Set	



08	<b>Recorder</b> Meeting Recorder  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  Country of Origin: USA, EEC, Japan or Equivalent	01	Set	
09	<b>Meeting Room &amp; Seminar Room</b> <b>Multimedia Projector</b> Brightness: 4000 ANSI Lumens Resolution: Native XGA (1024 X 768) Resolution Contrast: 20,000:1 Lamp (Life): 190W,4500/10,000hrs HD, HDMI, VGA, USB , MHL, Wifi Dongle 3D Ready  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  Country of Origin: USA, EEC, Japan or Equivalent	05	Sets	
10	<b>Meeting Room &amp; Seminar Room</b> Motorized Multimedia Projector Screen 6X10  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  Country of Origin: USA, EEC, Japan or Equivalent	05	Sets	
11	<b>Rostrum Meeting Room</b> Lectern,1 gooseneck MIC, 1 lamp; built-in 80W amplifier and 80W speaker; 1 aux input, 2 MIC inputs, 1 line output and 1 REC output  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  Country of Origin: USA, EEC, Japan or Equivalent	02	Sets	
12	<b>Amplifier</b> 240W output power 5 Microphone/Line Inputs, Stereo Line Input and TEL IN with individual volume control EXT Input and MIX Output Input Signal LED Indicator per channel Output Level LED Display BASS/TREBLE Tone Controls 5 Speaker Zone Selection Switches  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).  Country of Origin: USA, EEC, Japan or Equivalent	04	Sets	



13	<b>CEILING SPEAKER</b> 6" Full-range speaker Power selection Power selector by input cable. Using High quality matching transformer (100V) High sound pressure level and wide frequency response play a wider frequency range than 400Hz~4kHz. Dust filter Use a dust filter inside the grill to block dust ingress and maintain a clean grill.  <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b>  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	36	Sets	
14	<b>Rostrum Wireless Mic</b>  <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b>  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	06	Pcs.	
15	<b>Wireless Hand Mic</b>  <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b>  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	06	Pcs.	
16	<b>Wireless Color Mic</b>  <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b>  <b>Country of Origin: USA, EEC, Japan or Equivalent</b>	06	Pcs.	
17	<b>Dot Matrix Cartridge:</b> (Best Quality) for Epson LQ310 printer 650 nm	50	Pcs.	
18	<b>HP Laser Jet Printer Cartridge</b> (Best Quality) for Laserjet Pro M402 dn Printer	50	Pcs.	
19	<b>HP Laser Jet Printer Cartridge</b> (Best Quality) for Laserjet Pro M102a Printer 17a (Best Quality) for Laserjet Pro M102a Printer 19a	50	Each	

#### H. OTHER ITEMS:

S. No.	Description of Work	Qty.	Unit	Quoted Yes / No
01	<b><u>Biomedical/Electronics/Mechanical Tools Specification:</u></b> Specification: 1. <b><u>Electronic Kit</u></b> <ul style="list-style-type: none"> <li>Utility component storage box</li> <li>Long nose plier 135mm</li> <li>Diagonal cutting plier 110mm</li> <li>Dual Color Lineman's plier</li> <li>Bent nose plier 130mm</li> <li>Side cutting plier 150mm</li> <li>Dual Color Long nose plier</li> </ul>			



- |   |  |  |  |
|---|--|--|--|
| <ul style="list-style-type: none"> <li>• Reverse action tweezer</li> <li>• 3pcs soldering aid tools</li> <li>• Soldering iron stand with sponge</li> <li>• Adjustable wrench 6"</li> <li>• Ceramic soldering iron 110V</li> <li>•  Pro-soft s/d 3/16"</li> <li>•  Pro-soft s/d 1/4"(inch)</li> <li>•  Pro-soft s/d 3.2x75mm</li> <li>•  Pro-soft s/d #0x75mm</li> <li>•  Pro-soft s/d 5.0x75mm</li> <li>•  Pro-soft s/d #1x75mm</li> <li>•  Pro-soft s/d 6.0x100mm</li> <li>•  Pro-soft s/d #2x100mm</li> <li>•  Pro-soft screwdriver 6.0x40mm</li> <li>•  Pro-soft screwdriver #2 x40mm</li> <li>• Desoldering wick</li> <li>• Brush</li> <li>• 6pcs electronic screwdriver set</li> <li>• Crimping tool</li> <li>• Desoldering pump</li> <li>• 5pcs needle file set</li> <li>• Testing screwdriver</li> <li>• Alignment tool (200mm/2.0mm)</li> <li>• IC extractor</li> <li>• Oil can</li> <li>• Flash light</li> <li>• 7pcs Folding type hex key set</li> <li>• 3 Prong holder</li> <li>• 6pcs open-end wrench set</li> <li>• Heavy Duty Curved-Claw Hammer</li> <li>• PVC insulated tape</li> <li>• Stainless scissors 6"</li> <li>• Solder core 63%, SN</li> <li>• Parts tube</li> <li>• Heat sink</li> <li>• Utility knife (3 blades self loading)</li> <li>• Measuring tape 3M/10FT</li> <li>• Inspection mirror</li> <li>• Slip-channel pump pliers 254mm</li> <li>• Pallet for 1PK</li> <li>• Top Pallet for 1PK</li> <li>• Carrying tool case original</li> <li>2. <b>Field and Maintenance Kit</b></li> <li>• 3-3/4 autorange digital multimeter</li> <li>• 23pcs 1/4" driver socket set</li> <li>• Heavy duty curved-claw hammer W/Fiberglass handle</li> <li>• Adjustable wrench 8"</li> <li>• IC extractor</li> <li>• Hobby vise</li> <li>• Slip-channel pump pliers 254mm</li> <li>•  ProSoft precision screwdriver</li> <li>•  ProSoft precision screwdriver</li> <li>•  ProSoft precision screwdriver</li> <li>•  ProSoft precision screwdriver</li> <li>•  ProSoft precision screwdriver</li> <li>•  ProSoft precision screwdriver</li> <li>•  ProSoft precision screwdriver</li> <li>• Utility component storage box</li> <li>•  Pro-soft screwdriver 5 x75mm</li> </ul> |  |  |  |
|---|--|--|--|

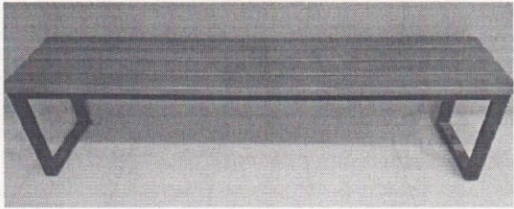


	<ul style="list-style-type: none"> <li>• +Pro-soft screwdriver #1 x75mm</li> <li>• -Pro-soft screwdriver 5 x100mm</li> <li>• +Pro-soft screwdriver #1 x100mm</li> <li>• -Pro-soft screwdriver 6.0 x100mm</li> <li>• +Pro-soft screwdriver #2 x100mm</li> <li>• +Pro-soft screwdriver #2 x250mm</li> <li>• -Pro-soft screwdriver 6.0 x40mm</li> <li>• +Pro-soft screwdriver #2 x40mm</li> <li>• Fine tip straight tweezer</li> <li>• Long nose plier 135mm</li> <li>• Diagonal cutting plier 110mm</li> <li>• Dual Color Lineman's plier</li> <li>• Dual Color cutting plier</li> <li>• Dual Color Long nose plier</li> <li>• 9pcs ball point long arm hex key set</li> <li>• 10pcs electronic combination Wrench</li> <li>• 5pcs needle file set</li> <li>• Ceramic Soldering iron 110V</li> <li>• Desoldering wick</li> <li>• Solder core 63%, SN</li> <li>• PVC insulated tape</li> <li>• Utility knife (3 blades self loading)</li> <li>• Measuring tape 3M/10FT</li> <li>• All purpose snip</li> <li>• Desoldering pump</li> <li>• Flux bottle (2pcs/pack)</li> <li>• Blow brush ( ø62mm)</li> <li>• Telescopic magnetic pick up tool</li> <li>• Inspection mirror</li> <li>• Pallet</li> <li>• Heavy-duty ABS cases with wheels and telescoping handle</li> </ul> <p>Country of Origin: USA, EEC, Japan or Equivalent</p>			
02	<p><b><u>Portable Dehumidifier for Cath lab 1 and Cath lab 2</u></b></p> <p><b>Special features:</b>  Three selectable modes with mode for drying  Level warning light with full water tank  Overfill protection with auto switch off  Washable air filter  Manually adjustable air discharge  Timer function  Connection for external condensate drain</p> <p><b>Technical details:</b>  Dehumidification performance max./24h: 8 litres or above  Suitable for rooms (vendor visit area)  Suitable for room with a volume (Vendor visit area)  Operating range temperature:: 0°- 32°C  Operating range relative humidity:  Air flow rate: max. 200 m³/h or more  Functioning principle: desiccant dehumidifier  Automatic defrost: electronically  Water tank (auto-off limit):  Noise level dB (A): low as per standard  Level warning light when water tank is full  Manual adjustable blow out direction  24-hours timer-function  Handle  Connection for external condensation drain</p> <p><b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during</b></p>	02	Pcs.	



	<p>maintenance period).</p> <p>Country of Origin: USA, EEC, Japan or Equivalent</p>			
03	<p><b>AIR CURTAIN</b></p> <p>Size = 6'-0"</p> <p>CFM = 6000 to 9000</p> <p>(Wall Mounted Sound Proof)</p> <p><b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b></p> <p>Country of Origin: USA, EEC, Japan or Equivalent</p>	36	Pcs	
04	<p><b>Wall Mounted AC</b></p> <p>02 ton</p> <p>Copper made</p> <p>Non inverter type</p> <p>Country of Origin: USA, EEC, Japan or Equivalent</p>	06	Units	
05	<p><b>AIR WATER SPRAY GUN FOR (C.S.S.D) WASHING AREA.</b></p> <p>Package should have:</p> <ul style="list-style-type: none"> <li>- 1 piece air-water gun.</li> <li>- 1 piece 8 nozzles.</li> <li>- 1 piece air-water jack for quick installment.</li> <li>- 1 piece air-water pipe.</li> <li>- 4 pieces screw.</li> <li>- 4 pieces plastic dowel.</li> <li>- 1 piece Teflon band for isolation.</li> <li>- 1 piece wall hook for nozzles</li> <li>- 2 pieces cone gaskets. or better</li> <li>• Nozzles should be easily screwed and removed.</li> <li>• Should be able to Rinse all Instruments and articles.</li> <li>• Range of Eight multi nozzles which can be chosen to rinse and wash.</li> <li>• Should have Short time removal of nozzles which improve work efficiency.</li> <li>• Should have been designed specially for medical endoscopes, laboratory hospital equipments &amp; suction tubes.</li> <li>• Water pressure should be set between the values of 0, 1-0, 7 Mpa.</li> </ul> <p>Quality/ Standards: ZINC/MAGNESIUM Alloy or better</p> <p>ORIGIN: Europe, Turkey USA, Japan or Equivalent</p>	04	Sets	
06	<p><b>Walk Through Gates</b></p> <p>Firm / Manufacturer and their products Mandatory to registered with PNRA (Pakistan Nuclear Regulatory Authority).</p> <ul style="list-style-type: none"> <li>• Multi zone-9 Real Matrix Detection Zones</li> <li>• Certified: CE European Union Norms and procedure under ISO 9001:2008 QMS</li> <li>• Separate Sensitivity Setting for Different Directions zones</li> <li>• Capable to Detect both Ferrous and Non-Ferrous Metallic Threat</li> <li>• Homogeneous Magnetic Field – No Dead Points – Same Detection Capability from bottom to top</li> <li>• Human Health friendly Very Low Frequency VLF technology, No affect to Pace Makers, Pregnant and Magnetic Media</li> </ul> <p>Technical Features:</p> <ul style="list-style-type: none"> <li>• Weight: 49Kg</li> <li>• Gross Weight: 62Kg</li> <li>• Operation voltage: 70VAC</li> <li>• Power 10w stand by-20W Alarm</li> <li>• External: 850x685x2000</li> <li>• Net: 740x685x2000</li> </ul> <p>Features:</p> <ul style="list-style-type: none"> <li>• Video output</li> <li>• Multi capture</li> </ul> <p>System Features:</p> <ul style="list-style-type: none"> <li>• View mode and playback mode</li> <li>• Different video channel and PIP(Picture in Picture) Feature</li> <li>• Alarm Activated</li> <li>• Motion Detect</li> <li>• Manual Image Capture</li> <li>• Automatic Recording</li> </ul>	4	Nos.	



07	<b>Metal Detector</b> <ul style="list-style-type: none"> <li>Alarm: Audio</li> <li>Chargeable</li> <li>Uptime: Minimum 40hours</li> <li>Warranty: 2 years</li> <li>Standards : CE Compliance, EN61000-6-3, EN61000-6-1 (TS 2418 EN 61010-1)</li> </ul>	20	Pcs	
08	<b>Vehicle Inspection Mirror</b> Aluminum Extension (3 level) 30 cm diameter Mirror Spherical wheel Flashlight Assembly for illumination	08	Pcs	
09	<b>Queue Barrier</b> Height: 90cm Length: 2.5m Pole Dia meter: 76mm	04	Pcs	
10	<b>Under Vehicle Inspection System</b> <ul style="list-style-type: none"> <li>Under Ground IR Camera x 2 with box</li> <li>Above Ground Camera x 1 with box</li> <li>DVR Recording system for 15days</li> <li>LED 19"</li> <li>Warranty: 2 years</li> </ul>	01	Pcs	
11	<b>Lockers</b> Providing, Fixing & placing of Steel Lockers-Two Tier (18 SWG) as approved shade and Color as per existing design and drawings complete in all respect	60	Nos.	
12	<b>Racks for warehouse basement</b> <b>Specification:</b> Size: Width x Height x Depth = 8Rft x 6 Rft 11" x 2 Rft Partition moveable: 04 Material: as per existing  Complete Job: Supply Installation, Testing, Commissioning & Maintenance (during maintenance period).	85	Pcs.	
13	<b>Benches For Patient Waiting Area</b> Width: 16.1/2 Inches Height: 18 Inches Length: 6 Feet Material: Iron Holo Frame best quality Wooden top with four piece L*W*Gauge 6feet*4 inches*1 1/2 inches  Same as existing at SBB Accident Emergency & Trauma Centre	90	Pcs.	
14	<b>Air compressor for HVAC:</b> <ul style="list-style-type: none"> <li>135 max PSI 6.0 gallon tank with oil-lubricated pump</li> <li>3.8 SCFM delivered @ 90PSI enables long run time with quick recovery</li> <li>Ball drain value allows for quick and thorough tank draining</li> <li>Pressure gauges angled up toward user for accurate pressure adjustments</li> <li>Large flat-free tires and pull handle allow for easy mobility</li> <li>CFM @ 90PSI 3.8 CFM</li> <li>Power supply 120</li> <li>Tank size 6 gallon</li> <li>Country of Origin: Local / Imported or best export quality.</li> <li>Warranty period: Two years</li> </ul>	01	Pcs.	
15	<b>Lifter for HVAC</b> <ul style="list-style-type: none"> <li>Rated capacity (Q): Kg 1000 or more</li> <li>Load Centre (C): mm 400 or more</li> <li>Min Fork Length: mm up to 1600</li> </ul>	01	Pcs.	



<ul style="list-style-type: none"> <li>Fork length (L): mm up to 2200</li> <li>Fork width (E): mm up to 1700</li> <li>Min. Turning Radius 1350mm</li> <li>Lifting motor: 12/1.5 v/Kw</li> <li>Aneroid Battery: 12/120-150 v/ah</li> <li>Charge: 12/15 v/A</li> <li>Overall net weight: up to 275kg</li> <li>Country of Origin: Imported or best export quality.</li> <li>Warranty period: Two years</li> </ul>			
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### I. Central Sterile Supply System:

S.#	Item Description	Req. Qty.	Unit	Quoted	
				Yes	No
01	<b>Sterile Basket for Sterilizer</b> <ul style="list-style-type: none"> <li>Sterile Good Basket ISO 600/400/180 (Sterilizer)</li> <li>Internal Dimension W*D*H= 600*400*180 mm</li> <li>Stainless steel epol. Slide-in,</li> <li>stackable electro –</li> <li>Polished and stackable onto and into each other</li> </ul> <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b> <b>Country of Origin: USA, Japan, EEC or Equivalent</b>	40	Nos.		
02	<b>Washing Basket for Washer</b> <ul style="list-style-type: none"> <li>Din Basket For waster</li> <li>W*D*H= 480 *250*50m</li> <li>Immersion tray, 480*250*70mm with drop handles</li> <li>E-polished Stainless steel.</li> </ul> <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b> <b>Country of Origin: USA, Japan, EEC or Equivalent</b>	30	Nos.		
03	<b>TAPE DISPENSER</b> Tape dispenser for autoclave tape. The main parts of the dispenser are made of metal. The dispenser is designed for two rolls of tape. <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b> <b>Country of Origin: USA, Japan, EEC or Equivalent</b>	12	Nos.		
04	<b>Check list shelf for CSSD</b> Per shelf size width 9" & Length 12" In one row of rack we required 7 shelf In one column we required 6 shelf <b>Total shelf in on rack 42</b> <b>Complete Job: Supply Installation, Testing, Commissioning &amp; Maintenance (during maintenance period).</b>	02	Pcs		
05	<b>TYVEK Reel for CSSD</b> 4A TYVEK Reel 100mm x 70m = 24 Reel 4A TYVEK Reel 150mm x 70m = 15 Reel 4A TYVEK Reel 200mm x 70m = 15 Reel 4A TYVEK Reel 250mm x 70m = 24 Reel 4A TYVEK Reel 300mm x 70m = 15 Reel <b>As per existing at SBB Trauma Centre</b>	93	Reels		
06	<b>SMS</b> SMS Wrapping paper Blue 1000mm x1000mm <b>As per existing at SBB Trauma Centre</b>	01	Box.		



07	4A Plasma (H202) Indicator strip (Pack of 250-Pcs) As per existing at SBB Trauma Centre	300	Pcs.		
08	Plasma tape 19mm x 25m (Pack of 50-pcs) As per existing at SBB Trauma Centre	10	Pcs.		
09	Biological Indicator for Plasma Sterilization (24h) As per existing at SBB Trauma Centre	02	Box.		

## **J. Rehabilitation Centre**

### **a) General Items:**

S.#	Item Description	Req. Qty.	Unit	Quoted Yes / No
1	X-ray viewer box	02	Pcs.	
2	Filing cabinets	02	Pcs.	
3	Aluminum Dividers	08	Pcs.	
4	Waiting Area Chairs steel	06	Pcs.	
5	Batteries for Portable Machines	50	Boxes Each	
	09 Watt Batteries			
	b, Pencil Cells			
	AA Cells			
6	Microwave	01	Pcs.	
7	Electric kettle	01	Pcs.	
8	Fridge	01	Pcs.	
9	Stabilizer	06	Pcs.	
10	Water Dispenser	01	Pcs.	

### **b) Equipments For Assessment And Treatment Room**

Sr.#	Equipment Name	Req. Qty.	Unit	Quoted Yes / No
1	Physiotherapy Manipulation Couches	02	Pcs.	
2	Hydraulic Traction Table with cervical and lumbar Belts	01	Pcs.	
3	Shortwave Diathermy Machines	02	Pcs.	
4	Precursors ( For chest physiotherapy)	06	Pcs.	
5	Electrotherapy Machines with Trolley			
5a	a. Combo (EMS, TENS, Interferential)	02	Pcs.	
6	Portable Electrotherapy Machines with Trolley			
6a	a. EMS	04	Pcs.	
6b	b. TENS	04	Pcs.	
7	Therapeutic Ultrasound Machines with Trolley	02	Pcs.	
8	Continuous Passive Motion Machines (CPM) (knee)	01	Pcs.	
9	Hydrocolator Machine	01	Pcs.	

**Country of Origin: USA, UK, EEU & Japan or equivalent (for item # 1 – 9)**



10	Physiotherapy Hot Packs			
10a	a. Cervical	20	Pcs.	
10b	b. Lumbar	20	Pcs.	
10c	c. Shoulder	20	Pcs.	
10d	d. Knee	20	Pcs.	
11	Physiotherapy Cold Packs			
11a	a. Cervical	20	Pcs.	
11b	b. Lumbar	20	Pcs.	
11c	c. Shoulder	20	Pcs.	
11d	d. Knee	20	Pcs.	
12	Exercise wrist band weights (different weights)	10	Pcs.	
13	Exercise Ankle band weights (different weights)	10	Pcs.	
14	Weighing Machine	03	Pcs.	
15	Goniometer Case	02	Pcs.	
16	Reflex Hammer	10	Pcs.	
17	Therapeutic K-Tapes Boxes	10	Pcs.	

**Country of Origin: Imported or Best Export Quality**

### c) Equipments For Assessment And Treatment Room

Sr.#	Equipment Name	Req. Qty.	Unit	Quoted Yes / No
1	High Examination Couches	5	Pcs.	
2	Adjustable Walkers	50	Pcs.	
3	Axillary Crutches	100	Pairs	
4	Elbow Crutches	100	Pairs	
5	Multi parameter patient monitors	02	Pcs.	
6	<b>Canes</b>			
	A) Tripod Cane	30	Pcs.	
	b) Tetra pod Cane	30	Pcs.	
7	<b>Electrode with Leads</b>			
	a. Non-Sticking Pads	50	Pairs	
	b. Sticking Pads	50	Pairs	
8	<b>Foot Stools (one step)</b>	07	Pcs.	
9	<b>Aqua sonic Ultrasound Gel boxes</b>	10	Pcs.	

**Country of Origin: USA, UK, EEU & Japan or equivalent**

### d) Equipments For Gymnasium

Sr.#	Equipment Name	Req. Qty.	Unit	Quoted Yes / No
1	Recumbent Bikes	02		
	Tread Mills			
2	a. Treadmill with Telemetry	01		
	b. Treadmill with Harness Support	01		
3	Hydraulic Tilt Table	02		



4	Multi gym	01		
5	Quadriceps Drill	01		
6	Leg Presser For Hamstring	01		

**Country of Origin: USA, UK, EEU & Japan or Equivalent (for item # 1 – 6)**

7	Shoulder Abduction Ladder	02		
8	Shoulder Wheel	02		
9	Shoulder Pulley	02		
10	Supinator /Pronator unit	01		
11	Finger Exerciser	04		
12	Parallel Bar with Wall mirror	02		
13	Rehabilitation Stairs	01		
14	Gym ball/ Swiss ball	03		
15	Exercise Mats	10		
16	Exercise stepper	01		
17	Thera bands boxes	05 boxes		
18	Dumbbells ( 0.5 kg, 01 kg, 02 kg)	04 Each		
19	Wobble Board	02		
20	Rocker Board	02		

**Country of Origin: Imported or best export quality**

### **e) Orthosis And Splints**

<b>Sr.#</b>	<b>Equipment Name</b>	<b>Req. Qty.</b>	<b>Unit</b>	<b>Quoted Yes / No</b>
1	Zimmer Splint	500	Pcs.	
2	Mallet Splint	200	Pcs.	
3	Cockup Splint/ Wrist Drop Splint	150	Pcs.	
4	Thumb Spica Splint Right/ Left ( S, M, L)	200	Pcs.	
5	Futura Splint Right/ Left (S, M, L)	200	Pcs.	
6	Tubigrip ( Boxes different sizes)	200	Pcs.	
7	Knee Immobilizer	200	Pcs.	
8	AFO	100	Pairs	
9	Arm Slings	400	Pcs.	
10	Collar and Cuff Sling	100	Pcs.	
11	Velcro band	30	Pcs.	
12	Wire Clips for ties	30	Boxes	



13	Orthopedic Wheelchair with Leg extension	04	Pcs.	
14	Wheelchair with head support for Neurology Patients	03	Pcs.	
15	Patient Mobilization Belts	10	Pcs.	

**Country of Origin: Imported or best export quality**

**Note:**

- Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.

Signature of Manufacturers /Importers/Sole Agents/Contractors: - \_\_\_\_\_

Name of Medical Store: - \_\_\_\_\_

Full Address: - \_\_\_\_\_

Telephone No. Shop:- \_\_\_\_\_ Cell No:- \_\_\_\_\_

Email Address (if any) \_\_\_\_\_



## BID LETTER FORM

From:

(Registered name and address of the bidder)

To:

Addl. Medical Superintendent,  
SBB Accident Emergency & Trauma Centre,  
Karachi – 74200

Madam,

Having examined the bidding document and amendment thereon we the 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 SBB Accident Emergency & Trauma Centre 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:

Date: \

Bidder's signature  
and seal.



## CONTRACT FORM

THIS AGREEMENT made the ..... Day of .....(year) Between the Procuring Agency (hereinafter "the SBB TRAUMA CENTRE") of one part and .....(Name of Vendor) of .....(City and country of Vendor) (Hereinafter "the Supplier") of the other part:

WHEREAS the SBB TRAUMA CENTRE 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) SBB Trauma Centre 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 SBB TRAUMA CENTRE to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the SBB TRAUMA CENTRE to (**Tender Title** ..... ) and to remedy defects therein conformity, in all respects, with the provisions of the contract.

The SBB TRAUMA CENTRE 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 are as 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 behest of the said Principal we, the Guarantor above named, are held and firmly bound unto the Additional Medical Superintendent, SBB Accident Emergency & Trauma Centre, Karachi (hereinafter 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 modifications to the Guarantor being hereby waived, then, this obligation to be void; 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 effected 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 Contract or 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:

1. \_\_\_\_\_  
(Name, Title, Signature & Seal)

\_\_\_\_\_  
Guarantor (Bank)

Signature:

2. \_\_\_\_\_  
(Name, Title, Signature & Seal)

Name: \_\_\_\_\_  
Title: \_\_\_\_\_



## 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, SBB Trauma Centre 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. \_\_\_\_\_

\_\_\_\_\_  
Additional Medical Superintendent



**SHAHEED BENAZIR BHUTTO ACCIDENT, EMERGENCY & TRAUMA CENTRE KARACHI**

**GOVERNMENT OF SINDH  
ANNUAL PROCUREMENT PLAN**

FINANCIAL YEAR 2017-18 Updated as on 04-January-2018

Sr. No.	Description of Procurement /	Tender Detail	Quantity (Where applicable)	Estimated Unit Cost (Where applicable)	Estimated Total Cost (in Million Rs.)	Funds Allocated (in Million Rs.)	Source of funds (ADP/ Non ADP)	Proposed Procurement Method	Timing of Procurement 2016-17				Timing of Procurement 2017-18				Remarks
									1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	
14	Instruments A 03970 (6)	Supply of Orthopedics & Hand Implants and Instrument (INST-01)	-	-	75 Million	125.00 Million + 60 Million more will be re-allocated	Non ADP	Single Stage-Two Envelope Procedure		✓				✓			Re-allocation of amount is in process
		Supply of Interventional Radiology Instruments/ Disposable INST-03	-	-	35 Million			Single Stage-Two Envelope Procedure				✓			✓		
		Supply of Vascular Instruments and Implants (INST-04)	-	-	22 Million			Single Stage-Two Envelope Procedure		✓					✓		
		Supply of General Instruments Oral Maxillofacial Instruments and Implants (INST-05)	-	-	15 Million			Single Stage-Two Envelope Procedure		✓					✓		
		Supply of Neuro Surgery Implants INST-06			20 Million			Single Stage-Two Envelope Procedure							✓		
		Supply of Ophthalmology instruments and disposables INST-07			18 Million			Single Stage-Two Envelope Procedure		✓					✓		

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MANAGER PLANNING & PROCUREMENT  
SBB ACCIDENT EMERGENCY & TRAUMA CENTRE

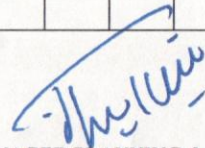


**SHAHEED BENAZIR BHUTTO ACCIDENT, EMERGENCY & TRAUMA CENTRE KARACHI**

**GOVERNMENT OF SINDH  
ANNUAL PROCUREMENT PLAN**

FINANCIAL YEAR 2017-18 Updated as on 04-January-2018

Sr. No.	Description of Procurement /	Tender Detail	Quantity (Where applicable)	Estimated Unit Cost (Where applicable)	Estimated Total Cost (in Million Rs.)	Funds Allocated (in Million Rs.)	Source of funds (ADP/ Non ADP)	Proposed Procurement Method	Timing of Procurement 2016-17				Timing of Procurement 2017-18				Remarks
									1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	
7	Uniforms and Protective Clothing A 3906	Supply of Uniform & Protective Clothing UPC-02	—	—	22.00 Million	22.00 Million	Non ADP	Single Stage-Two Envelope Procedure		✓					✓		

  
MANAGER PLANNING & PROCUREMENT  
SBB ACCIDENT EMERGENCY & TRAUMA CENTRE



**SHAHEED BENAZIR BHUTTO ACCIDENT, EMERGENCY & TRAUMA CENTRE KARACHI**

**GOVERNMENT OF SINDH  
ANNUAL PROCUREMENT PLAN**

FINANCIAL YEAR 2017-18 Updated as on 04-January-2018

Sr. No.	Description of Procurement /	Tender Detail	Quantity (Where applicable)	Estimated Unit Cost (Where applicable)	Estimated Total Cost (in Million Rs.)	Funds Allocated (in Million Rs.)	Source of funds (ADP/ Non ADP)	Proposed Procurement Method	Timing of Procurement 2016-17				Timing of Procurement 2017-18				Remarks
									1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	
15	<b>One time LSP for Trauma Centre, Karachi LSP a 03970 SLP</b>	Supply , Installation, Testing & Commissioning of Medical Equipment, Machinery, Surgical Instruments & Others Items Reference # AMS/SBB-TC/PROC/(LSP-01)2017-18	-	-	150 Million	500 Million	Non ADP	Single Stage-Two Envelope Procedure						✓			
		Supply, Installation, Testing & Commissioning of MRI Machine with Civil Works Reference # AMS/SBB-TC/PROC/(LSP-02)2017-18	-	-	120 Million			Single Stage-Two Envelope Procedure						✓			
		Supply, installation, Testing & Commissioning of Medical Equipment, Machinery, Surgical Instruments and other items Reference # AMS/SBB-TC/PROC/(LSP-03)2017-18	-	-	230 Million			Single Stage-Two Envelope Procedure							✓		

*The Wali*

**MANAGER PLANNING & PROCUREMENT  
SBB ACCIDENT EMERGENCY & TRAUMA CENTRE**





## ٽينڊر نوٽيس

شهيد بينظير ڀٽو ايڪسيڊنٽ ايمرجنسي اينڊ ٽراما سينٽر پاران مالي 18-2017 جي هيٺين ڪمن واسطي ڪانٽريڪٽر/مينوفڪچررز/سپلائرز/بااختيار ڊسٽريبيوٽرز وغيره کان سنڌ پبلڪ پروڪيورمينٽ ريگيوليٽري اٿارٽي تحت مهربند واک گهرائجن ٿا.

نمبر شمار	ڪم جو نالو	واڪ	واڪ/ ٽينڊر خريد جمع ڪرائڻ ۽ دستاويزن ٽينڊر ڪرڻ جي تاريخ	ڪولڻ جي تاريخ
1.	ميڊيڪل ايڪيومينٽ، مشينري، سرجيڪل انسٽرومينٽ ۽ پين آئمن جي ٽيسٽنگ ۽ ڪميشننگ، تنصيب ۽ فراهمي. ٽينڊر ريفرنس AMS/SBB-TC/PROC/(LSP-03) 2017-18 واڪ طريقيڪار سنگل اسٽيج-ٽو اينويٽ (46(2)	5000	واڪ	29-01-2018
2.	جنرل انسٽرومينٽس ۽ OMF امپلانٽس جي فراهمي. ٽينڊر ريفرنس AMS/SBB-TC/PROC/(INST-05) 2017-18 واڪ طريقيڪار سنگل اسٽيج-ٽو اينويٽ (46(2)	2000	واڪ	01-01-2018
3.	يونيفارم ۽ پروٽيڪٽو ڪلائنگ جي فراهمي. ٽينڊر ريفرنس AMS/SBB-TC/PROC/(UPC-02) 2017-18 واڪ طريقيڪار سنگل اسٽيج-ٽو اينويٽ (46(2)	2000	واڪ	29-01-2018
4.	نيورو سرجري امپلانٽس ۽ انسٽرومينٽس جي فراهمي. ٽينڊر ريفرنس AMS/SBB-TC/PROC/(INST-06) 2017-18 واڪ طريقيڪار سنگل اسٽيج-ٽو اينويٽ (46(2)	2000	واڪ	29-01-2018

- اسيسيسٽن ۽ شرطن ۽ ضابطن، BQQ تي مشتمل ٽينڊر ڪاغذ جو مڪمل سيٽ. پلاننگ اينڊ پروڪيورمينٽ ڊپارٽمينٽ، 12th فلور، SBB ايڪسيڊنٽ ايمرجنسي اينڊ ٽراما سينٽر مان ايڊيشنل ميڊيڪل سپرنٽينڊنٽ SBB ٽراما سينٽر، چانڊ بي بي روڊ ڪراچي جي حق ۾ مٿي ڄاڻايل رقم جي پي آرڊر ذريعي خريد ڪري سگهجي ٿو. ٽينڊر ڪاغذ SPPRA جي ويب سائٽ [www.pprasinth.gov.pk](http://www.pprasinth.gov.pk) ۽ [www.chk.gov.pk](http://www.chk.gov.pk) تان پڻ ڏانهن لوڊ ڪري سگهجن ٿا.
- واڪ لازمي طرح مٿين تاريخ تي صبح 9:00 وڳي کان صبح 11:00 وڳي تائين پلاننگ اينڊ پروڪيورمينٽ ڊپارٽمينٽ، 12th فلور، SBB ايڪسيڊنٽ ايمرجنسي اينڊ ٽراما سينٽر ۾ ٿيڻو.
- امثاليل واک ساڳئي ڏينهن صبح 11:30 وڳي واک ڏيندڙن يا سندن مجاز نمائنده جيڪي حاضر رهڻ جي خواهش رکن ٿا، موجودگي ۾ سر عام ڪوٺيا ويندا.
- سمورن واکن سان سرڪاري ٽيڪس/ڪنٽريبيوشن وغيره (جيڪڏهن لاڳو ٿيڻ جوڳا هوندا) شامل ڪيا ويندا.
- بلن مان ڪٽوٽي سرڪاري قاعدن مطابق ڪئي ويندي.
- فرمن پاران ڄاڻايل جملي قيمت جي 2% واک/ٽينڊر سيڪيورٽي پي آرڊر/ڊمانڊ ڊرافٽ جي صورت ۾ لازمي شامل ڪيل هجي.
- عام موڪل جو اعلان ٿيڻ يا ناموافق حالتن جي صورت ۾ واک ورنڊ ڪم ڪار واري ڏينهن تي ڏنل پروگرام مطابق جمع ڪرايا ۽ ڪوٺيا ويندا.

ايڊيشنل ميڊيڪل سپرنٽينڊنٽ/DDO

SBB ايڪسيڊنٽ ايمرجنسي اينڊ ٽراما سينٽر ڪراچي

INF/KRY.No:5638/2017







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## SHAHEED BENAZIR BHUTTO ACCIDENT EMERGENCY & TRAUMA

### CENTRE KARACHI

No: AMS/SBB-TC/PROC/2017-18/209  
Dated: 15 December, 2017

## TENDER NOTICE

Shaheed Benazir Bhutto Accident Emergency & Trauma Centre invites sealed bids as per Sindh Public Procurement Regulatory Authority Rules from the Contractors/Manufacturers/Suppliers/Authorized Distributors etc. for **Current Financial Year 2017-18** of the following:

S. #	Name of Tenders	Bidding Document Cost (Rs.)	Bid/Tender Security	Tender Purchasing Date	Date of Submission and Opening
1.	Supply, Installation, Testing & Commissioning of Medical Equipment, Machinery, Surgical Instruments & Other Items. Tender Reference # AMS / SBB-TC / PROC / (LSP-03) 2017-18 Bidding Procedure: Single Stage — Two-Envelope 46(2)	5,000/-			
2.	Supply of General Instruments & OMF Implants Tender Reference # AMS / SBB-TC / PROC / (INST-05) 2017-18 Bidding Procedure: Single Stage — Two-Envelope 46(2)	2,000/-	2% of Bid Amount	01-01-2018 to 29-01-2018	29-01-2018 between 09:00 - 11:00 a.m. and 29-01-2018 at 11:30 a.m. respectively
3.	Supply of Uniform & Protective Clothing Tender Reference # AMS / SBB-TC / PROC / (UPC-02) 2017-18 Bidding Procedure: Single Stage — Two-Envelope 46(2)	2,000/-			
4.	Supply of Neurosurgery Implants & Instruments Tender Reference # AMS / SBB-TC / PROC / (INST-06) 2017-18 Bidding Procedure: Single Stage — Two-	2,000/-			

- Complete set of tender documents containing BOQ, Specification and Terms & Conditions can be purchased from Planning & Procurement Department, Twelve Floor SBB Accident Emergency & Trauma Centre through **pay order** of above mentioned amount in favor of **Addl. Medical Superintendent SBB Trauma Centre**, Chand Bibi Road, Karachi. Tender documents can also be downloaded from SPPRA website [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) and [www.chk.gov.pk](http://www.chk.gov.pk).
- Bids must be submitted on the above date between 09:00 to 11:00 a.m. at Planning & Procurement Department, Twelve Floor SBB Accident Emergency & Trauma Centre.
- Submitted bids will be opened publicly at 11:30 a.m. on the same day in the presence of bidders or their authorized representatives who choose to attend.
- All bid(s) shall include Government Taxes/Contribution etc. (if applicable).
- The deductions in the bills will be done as per Government rules.
- Bid / Tender Security @ 2% of total value of the quoted items by firms in shape of Pay Order / Demand Draft must be attached.
- In case of announcement of Public Holiday or any unfavorable circumstances, the bids shall be **submitted** and **opened** as per given schedule on the next working day.

**ADDL. MEDICAL SUPERINTENDENT/DDO  
SBB Accident Emergency & Trauma Centre**

INF-KRY: 5638/17