



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

Ph: 02199216384
Fax: 02199215733

No: AMS/SBB-TC/PROC/2017-18/128
Dated: 06-11-2017

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

SUBJECT: ADVERTISEMENT OF TENDER

Enclosed please find attached herewith seven copies of the following NIT- Reference # **AMS/SBB-TC/PROC/2017-18/125** dated: **06-11-2017** for getting the same printed, in three leading Newspapers, preferably Daily DAWN, Daily Jang & Daily Kawish (Sindhi) for advertisement as early as possible.

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


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

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

1. PS to Secretary Health, Government of Sindh, Karachi.
2. ✓ Director (A&F), SPPRA, Government of Sindh Karachi with the request to hoist this tender notice on authority's website.

Enclosures:

1. Standard Bidding Documents (SBDs)
2. Notification of Procurement Committee
3. Notification of Complaint Redressal Committee (CRC)
4. Copy of Procurement Plan (FY 2017-18)


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

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



Ph: 02199216384
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No: AMS/SBB-TC/PROC/2017-18/125

Dated: 06-November-2017

TENDER NOTICE

Shaheed Benazir Bhutto Accident Emergency & Trauma Centre invites sealed bids on **Single Stage- Two Envelope 46(2)** procedure as per Sindh Public Procurement Regulatory Authority Rules from the Manufactures/Suppliers/Authorized Distributors etc. for Current Fiscal Year 2017-18 of following:

S. No	Name of Tenders	Bidding Document Cost (Rs.)	Bid / Tender Security	Tender Purchasing Date	Date of Submission and Opening
1.	Supply, Installation, Testing & Commissioning of MRI Machine with Civil Works Tender Reference # AMS / SBB-TC / PROC / (LSP-02) 2017-18	5000	2% of Bid Amount	07-11-2017 to 29-11-2017	30-11-2017 between 09:00 - 11:00 a.m. and 30-11-2017 at 11:30 a.m. respectively
2.	Operation, Running, Repair and Maintenance of Electrical Works and Power Generation System Tender Reference # AMS / SBB-TC / PROC / (R&M-04) 2017-18	2000	2% of Bid Amount	07-11-2017 to 29-11-2017	30-11-2017 between 09:00 - 11:00 a.m. and 30-11-2017 at 11:30 a.m. respectively

Note: A Pre-Bid Meeting is scheduled on **Monday, 20-November-2017** at Planning & Procurement Department, Twelve Floor SBB Accident Emergency & Trauma Centre at 11:30 a.m. [Applicable on above mentioned serial # 1- MRI Machine Only]

- 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 and 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

A copy is forwarded for information to:
Notice Board



GOVERNMENT OF SINDH
HEALTH DEPARTMENT

NOTIFICATION

No.SO(PM&I)2-1/17-18/M-13(SBBTC): A Procurement Committee under Rules-7 of Sindh Public Procurement Rules 2010 (Amended 2017) is hereby constituted comprising the following Officers / Official for procurement committee for all the procurement procedures of SBB Accident Emergency & Trauma Centre, Karachi, for the financial year 2017-18.

01.	Additional Medical Superintendent, SBB Accident Emergency & Trauma Centre.	Chairman
02.	Professor of Anaesthesia, Dow University of Health Sciences.	Member
03.	Professor of Surgery, Dow University of Health Sciences.	Member
04.	Deputy Medical Superintendent, SBB Accident Emergency & Trauma Centre.	Member
05.	Pharmacist, SBB Accident Emergency & Trauma Centre.	Member

TORs

The TORs / Functions / Responsibilities of the Procurement committee in accordance with Rule-8 of SPP Rules 2010 shall be as under:

- Preparing bidding documents;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule-45;
- Making recommendations for the award of contract to the competent authority;
- Perform any other function ancillary and incidental to the above.

SECRETARY HEALTH

No.SO(PM&I)2-1/17-18/M-13(SBBTC):

Karachi, dated: 03rd July, 2017

C.C to:

- The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
- The Addl. Medical Superintendent, SBB Accident Emergency & Trauma Centre, Karachi with reference to his letter dated: 21.06.2017.
- The Chairman & all members of the Committee.
- The P.S. to Secretary Health.

(NAVEED AHMED SOOMRO)
SECTION OFFICER (PM&I)



Health Department
Government of Sindh

136e
14/2

NOTIFICATION

NO.HD (P&E) 1-2 (61) / 2014: The Government of Sindh, Health Department is pleased to constitute a Redressal Committee under Rule 31 of Sindh Public Procurement Rules 2010 comprising of following Officers in order to redress any grievance of rejected party(s) in short listing for selection of consultant(s), contractors, purchase of Machinery / Equipments, Furniture Fixtures and services etc under all Annual Development Program (ADP) schemes (New & Ongoing);

1.	Special Secretary (P.H) Health Department, Govt. of Sindh	Chairman
2.	Additional Secretary (Dev) Health Department, Govt. of Sindh	Member
3.	Representative of AG Sindh	Member
4.	Prof. Tariq Mahmood Jinnah Post Graduate Medical Centre Karachi	Member
5.	Field Expert	Member

The committee will observe all the codal formalities as per Sindh Public Procurement Rules 2010.

IQBAL HUSSAIN DURANI
SECRETARY HEALTH

NO.HD (P&E) 1-2 (61) / 2014

Karachi, dated the 13th February, 2014

A copy is forwarded for information and necessary action to:

- The Additional Chief Secretary, Planning & Development Department, Government of Sindh, Karachi.
- The Secretary, Finance & Cooperation Department, Government of Sindh, Karachi
- The Special Secretary (PH), Health Department, Government of Sindh, Karachi
- D.S. staff to Chief Secretary, Government of Sindh, Karachi
- Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
- The Accountant General Sindh, Karachi.
- The Additional Secretary (Admin), Health Department, Government of Sindh, Karachi
- The Additional Secretary (Dev), Health Department, Government of Sindh, Karachi.
- The Additional Secretary (PM&I), Health Department, Government of Sindh, Karachi.
- Medical Superintendent (All).
- Project Director (All). *Shahid Mubtahir Buzgri Bhatti Trauma Centre & Anesthly Service C.H. hi*
- District Accounts Officer (All).
- PS to Secretary Health, Government of Sindh, Karachi

(SHEERAZ MEMON)
RESEARCH OFFICER (DEV)

STANDARD BIDDING DOCUMENTS



GOVERNMENT OF SINDH

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

Ref No:- AMS/SBB-TC/PROC/(LSP-02) /2017-18

ROUGH COST ESTIMATE: 120 (M)

**Supply, Installation, Testing & Commissioning of MRI Machine with Civil
Works**

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 46(2)** Procedure as per Sindh Public Procurement Rules 2010, (Amended till date) from Manufacturers /Importers/Sole Agents/Contractors for **“Supply, Installation, Testing & Commissioning of MRI Machine with Civil works at SBB Accident Emergency & Trauma Centre, Karachi”**. **Reference No:- AMS/SBB-TC/PROC(LSP-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.

SALIENT FEATURES / TERMS & CONDITION OF THE TENDER

1.	Name of Work & Address	:	Supply, Installation, Testing & Commissioning of MRI Machine with Civil works at SBB Accident Emergency & Trauma Centre, Karachi Reference No:- AMS/SBB-TC/PROC(LSP-02)/2017-18
2.	Place of Issuance of Tender	:	Planning & Procurement Department, 12 th Floor SBB Accident Emergency & Trauma Centre. SPPRA website.
3.	Date & Venue of pre-bid meeting	:	12 th floor SBB Accident, Emergency & Trauma Centre Karachi on 20-November-2017 at 11:30a.m.
4.	Method of opening of Tender	:	It will be Single Stage Two Envelope system 46(2) as per SPP Rules 2010 (Amended till date).
5.	Venue of submission & opening of Tenders	:	Committee Room situated at 12 th Floor of the Administration Block of SBB Accident Emergency & Trauma Centre Karachi.
6.	Date of Opening of Financial Proposals	:	As informed by Procurement Committee to all participants
7.	Validity of Tenders	:	90 days as per Sindh Public Procurement Rules, 2010 (Amended till date).
8.	Amount of Earnest Money/Bid Security	:	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 without showing the amount.
9.	Supply of Equipment	:	Within three months after the opening of LC. However, this period is extendable as per mutual agreement/demand of the situation.
10.	Installation Period	:	It will start after receiving of equipment at site.
11.	Maintenance Period	:	It will start after the satisfactory installation of the equipment and issuance of Installation Certificate from the concerned official. This period will remain functional till five years with replacement of parts.
12.	Warranty Period with replacement of Parts and services	:	The warranty period of parts with Free of cost replacement will be for five years. Five years free service from the date of Installation.
13. (a)	Contract Agreement	:	The Contractor shall enter & execute a formal Agreement as per the "Form" annexed with such modification as may be necessary.

(b)	Stamp Paper / duty requirement for Agreement.	:	- Rs. 0.35% of the Contract Value or as prescribed by Government Laws. That will be placed on contract agreement of Rs. 100/-
14.	Terms of Payment to Contractors.		
(i)	Opening of L.C (Letter of Credit).	:	<p>a) Incase items are imported and supply orders placed on C.I.F (Cost, Insurance and Freight) basis, Letter of Credit (L.C.)will be opened by Procuring Agency (Additional Medical Superintendent, SBB Accident Emergency & Trauma Centre) as consignee and as per the prevailing rule of same. Performa invoice of the quoted amount on C.I.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>
15.	Release of Earnest Money/Bid Security of 2%	:	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.
16.	Security Deposit	:	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.
17.	Release of Security Deposit of 10%	:	<p>After completion of maintenance or Defect Liability period of two years as under:-</p> <ul style="list-style-type: none"> • After satisfactory completion of maintenance period of one year of total five years– 5% • After satisfactory completion of maintenance period of five years – 5%
18.	VARIATION IN CONTRACT PRICE.	:	NO VARIATION IN PRICE SHALL BE ALLOWED ON ANY GROUND INCLUDING CURRENCY FLUCTUATION/VARIATION OR WHATSOEVER.
19.	Discrepancy.	:	If there is any discrepancy between Salient Features of Tender/Bidding Documents and respective contents mentioned elsewhere. Salient

22.	SPECIAL NOTE REGARDING EQUIPMENTS	:	<p>TECHNICAL OFFERS / COMMERCIAL OFFERS FAILING TO DEMONSTRATE BELOW DETAILS WOULD BE REJECTED:</p> <ul style="list-style-type: none"> a. QUOTED SYSTEM MUST BE OF ADVANCED & LATEST VERSION. b. TENDER MUST COVER COMPLETE EQUIPMENT. c. TENDER MUST COVER COMPLETE RANGE OF DISPOSABLES/ KITS d. TENDER MUST PROVIDE ALL TECHNICAL DETAILS UP TO THE SATISFACTION OF THE END USER. e. ITEMS SHOULD BE QUALITY APPROVED FROM THE CONCERNED INTERNATIONAL BODY OF THE RESPECTIVE INDUSTRY.
23.	Inspection of Imported equipment	:	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)	manufacturing site by the client.		
(b)	Training		Supplier will provide on-site / off shore (where applicable) successful training to all the personnel working on/operating the said Equipment/machine as long as the need prevail.
24.	Maintenance.	:	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.	Default in Preventive Maintenance, Breakdown and Emergency Calls.	:	<ul style="list-style-type: none"> • In case of default by the Contractor with respect to maintenance, break down and emergency calls, the same will be carried out within 24 hours by the Procuring Agency and the cost so incurred will be paid from the Retention Money. • Moreover an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.
26.	COST TO BE QUOTED IN BOQ.	:	<ul style="list-style-type: none"> • The Contractors shall quote DDP and CIF price of the Equipments including custom clearance etc. and delivering of Equipment at site with Installation & Commissioning cost. • It should also include cost during maintenance period including the parts and maintenance staff.

BIDDING DATA

Procuring Agency	:	SBB Accident, Emergency & Trauma Centre
Address	:	Chand Bibi Road, Karachi
Name of Item	:	Supply, Installation, Testing & Commissioning of MRI Machine with Civil works at SBB Accident Emergency & Trauma Centre, Karachi
Bid Validity	:	90 Days
Amount of Bid Security	:	2% of Bid Quoted Price
Pre-Bid Meeting	:	20-November-2017 at 11:30 a.m.
Last date of Selling of Bid	:	29-November-2017 till 04:00 p.m.
Date of Submission of Bid	:	30-November-2017 from 09:00a.m. to 11:00a.m.
Date of Opening of Bid	:	30-November-2017 at 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.
Liquidity Damages	:	0.03% of the bid price per month after the period of Completion up to 10% maximum
Required Item Quality	:	Item 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 MRI Machine with Civil works at SBB Accident Emergency & Trauma Centre, Karachi Reference No:- AMS/SBB-TC/PROC(LSP-02)/2017-18.**
- 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 Bank Guarantee at 10% of the Contract Value as per point # 16 of salient feature. The same will be released after successful completion of contract period **as per point# 17 of salient features.**
- e) Bid should be dropped at Planning & Procurement Office, 12th 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, 12th 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 MRI Machine with Civil works at SBB Accident Emergency & Trauma Centre, Karachi Reference No:- AMS/SBB-TC/PROC(LSP-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 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 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 _____

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	Registration with Income Tax – NTN Certificate		
3	Copy of Professional Tax 2017-18		
4	Relevant Experience with documentary proof (Last Three Years)		
5	General Sales Tax (Mandatory) / Sindh Sales Tax (if applicable) / Sindh Board of Revenue (Registration is not required in procurement of Goods)		
6	Original Bank Certificate regarding financial soundness (Last Three Years) of the firm to do business up till 120 Million each year		
7	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.		
8	Authority letter from Manufacturer where applicable. (Subletting is not allowed)		
9	Guarantee of availability of parts of the supplied articles for 10 years.		
10	Brochure / Technical Data Sheet 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.
- Specifications 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.**

Max Marks = 40 Part A: Static Marking

S.#	Details	Maximum Marks
1.	<u>Establishment of Firm since</u> More than five years = 10 Up to five years = 05	10
2.	Major Institution Served during last 3-year (Government/ non-government) with satisfaction certificates. a. More than 5 institutions –30 marks b. Up to 5 institutions – 20 marks c. Up to 3 Institutions- 10 marks	30
3.	100% meet with specification.....60 marks 80% meet with specification.....40 marks Less than 80% meet with specification.....0 marks Remarks: Bidders will take the Procurement Committee to the sites(s) where quoted module / systems is installed.	60
TOTAL MARKS		100

**SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF MRI
MACHINE WITH CIVIL WORKS AT SBB ACCIDENT EMERGENCY &
TRAUMA CENTRE, KARACHI**
REFERENCE NO:- AMS/SBB-TC/PROC(LSP-02)/2017-18
FOR FINANCIAL YEAR 2017-18

S.#	Description	Req. Qty.	Unit	Quoted Yes / No
01	<p>1.5 Tesla MRI System For Trauma Patients and Advanced Imaging (16 Channels)</p> <p>MAGNET</p> <ul style="list-style-type: none"> Magnet Type: Super-Conductor Field strength: 1.5 Tesla Helium Boil off: Zero boil off Shielding method: Active /passive Shimming Method: Active / passive Bore Diameter: 60 cm or more Magnet Length: 200 cm or less with covers and enclosures Duty Cycle: 100% Magnet Field Stability: 0.1 Ppm/Hr FOV: 50 cm minimum. Larger will be preferred, less than 50cm not acceptable Other features: Operating panel on both sides of gantry with patient positioning display, laser light localization, In-Bore lighting & ventilation Magnet Homogeneity: 1 ppm or less in 40cm DSV <p>RF SYSTEM</p> <ul style="list-style-type: none"> Transmitter & Receiver Type: Digital/Optic Fiber based RF system Transmitter Power: 10 KW or above RF receive Channels: 16 standard simultaneous independent receiving channels or direct digitization for 16 channels coil connectivity using optic fiber transmission or more or upgradable to more channels or 16 channel with 16 dedicated ADc converters Gradient: 33 mT/m or more Slew Rate: 120 mT/m/s or more <p>EXAMINATION COILS</p> <ul style="list-style-type: none"> Whole Body Gantry Integrated Whole Body imaging Coil Qty required two - Head/neck 16 Elements or more, Array Head Coil For Head Imaging (parallel imaging compatible). Spine 16 Element or more spine coil / coil combination (parallel imaging compatible) Neuro-Vascular / Coil 16 Element Array Neuro Vascular Coil For Aortic Arch And Carotid Imaging / Coil Combination of head/neck/spine combination. 	01	Unit	

<ul style="list-style-type: none"> Qty required two - Torso Coil 16 Element or More /with coil combination Torso coil (parallel imaging compatible) Dedicated coils / Flex Coils as follows. (Note : Total MSK Coils Qty should be 6) General purpose / Flex Coil 4 elements or more Ankle 16 elements or more (parallel imaging compatible) Shoulder 16 elements or more (parallel imaging compatible) Wrist 16 elements or more (parallel imaging compatible) Knee coil (Qty 2) 16 elements or more. (parallel imaging compatible) Breast Coil 8 elements or more (Bilateral) Multiple Coil Connection At least 3 coils (Head, body & Spine) must be connectable simultaneously. <p>ACQUISTION PARAMETER</p> <ul style="list-style-type: none"> Slice thickness 2D 0.5 mm or better Slice thickness 3D 0.1 mm or better Parallel Imaging The system should offer parallel imaging capability (Sense/ASSET/iPAT/Speeder/RAPID) Acquisition matrix 1024 x 1024 <p>PATIENT COUCH AND COMFORT</p> <ul style="list-style-type: none"> Type Motorized patient table with height lowering capability Weight Bearing Capacity 160 Kg or more Table Length 2.0 meter Min. Height 0.7 meter or less Gating ECG Cardiac gating system with electrodes, Peripheral pulse gating system with finger sensor, Respiratory gating System Motion Correction Motion correction for all anatomy Software and hardware for noise reduction during scanning zero te (Silent/Petra/Comfortone or equivalent) Intercom Integrated Two Way Communication Between Patient & Operator SAR Calculation SAR Calculation & display before scanning to ensure scan is safely conducted for all scanning Patient Call Patient Call system allows the patient to signal an emergency during scanning Safety/Emergency Run Down, Safety Switches For Emergency Ramp Down Feet first scanning <p>Overhead/ couch built in camera along with 24" LCD display</p> <p>(CONSOLE / HOST/ RECON)</p> <ul style="list-style-type: none"> Standard Console Standard Key board And Mouse, Automated Scanning capability and user friendly interface base 			
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<ul style="list-style-type: none"> • Hard Disk Capacity 3TB or more /Minimum storage capacity of 1,000,000 uncompressed image at 256 x 256 matrix • DVD/CD R/W DVD /CD Writer must be included • Connectivity/Networking DICOM 3.0 Query/Retrieve, Modality Work list, Storage & Print to be included • Display Monitor 24 inches or more LCD/TFT monitor (Flicker free, Medical High Resolution) • Reconstruction Speed Minimum 11,000 Images or FFT/Sec (256x256 Matrix) at full field of view • Image Reconstruction Intel Quad Core AMD Opteron 32GB RAM or more CPU & RAM • All Imaging sequences and MR applications as listed below <p>PERFORMANCE</p> <ul style="list-style-type: none"> • Simultaneous scanning, image acquisition, image reconstruction, processing and filming etc. • Capability to execute multi sequence automated scanning & post processing through simplified, • Preferably single mouse-click operations. • Feet-first positioning for almost all examinations possible reduces anxiety and claustrophobia. • Window width/level controls, zoom, pan, rotate, mirror. • Image annotation, Image arithmetic, Image measurement • Regions of Interest (ROI) statistics (area, volume, mean and standard deviation) from user defined square, rectangular, circular, elliptical or irregular shapes. • Time Intensity analysis of dynamics/phases. • Volume calculation from contours drawn in adjacent slices. • Simultaneous visualization of up to four independent series for comparison. • Cine movie display of 9 slices or more dynamics/phases • Reduction of noise over images with edge enhancement • MIP, MPR and 3D surface rendering. • Film generation of image series with capability to export to Windows PC formats and DICOM format <p>MRI DEDICATED WORKSTATION</p> <p>Original MRI dedicated workstation by same Manufacturer as MRI system to be offered. Qty – 5 Nos or thin client MRI dedicated workstation solution with licensed software having five concurrent user licenses with necessary hardware</p> <ul style="list-style-type: none"> • Standard Console Standard Key board And Mouse, user friendly interface base • Hard Disk Capacity 3TB or more /Minimum storage capacity of 1,000,000 uncompressed image at 256 x 256 matrix • DVD/CD R/W DVD /CD Writer must be included • Connectivity/Networking DICOM 3.0 Query/Retrieve, Modality Worklist, Storage & Print to be included 			
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<ul style="list-style-type: none"> • Display Monitor 19 inches or more LCD/LED monitor (Flicker free, Medical High Resolution) • CPU & RAM Intel Quad Core / Octa Core • AMD Opteron & 64GB RAM or more • Post Processing Post Processing for Basic & advanced MR applications to be included • The “Dynamic Analysis” evaluation software for T1 and T2 calculations, and standard deviation to be performed. • Application to analyze dynamic examinations, e.g. employing contrast media. • Breast Evaluation software. • Post-processing software for filtration of MR images. The software should include an adaptive image filter which automatically adapts the filtration to the local image contents. • Multi-function viewer to allow users to load a large list of dynamic data sets and view it comfortably. • The 3D post-processing includes basic functionalities for manual MPR, MIP, MinIP, and SSD image reconstruction (Multi-planar Reconstruction, Maximum Intensity Projections, Minimum Intensity Projections and Shaded Surface Display). • The standard implementation of the DICOM 3.0 protocol permits examinations to be easily transferred to and from a network for managing them, thus effectively supporting more efficient workflow. <p>Applications:</p> <ol style="list-style-type: none"> 1. Spin Echo (single and multi-echo) 2. Gradient Echo 3. Inversion Recovery, IR-STIR, FLAIR, dual IR for fat fluid and tissue suppression. 4. 2D/3D TSE/FRFSE (Snapshot, Single and Multi-Shot, Single and Multi contrast, includes all IR contrast methods above, RESTORE or DRIVE or similar, Asymmetric encoding, Flip angle Sweep) 5. Fast inversion recovery, FLAIR, STIR/TURBO, STIR & EPI 6. Echo Planner Imaging (Single & Multi Shot) 7. 2D & 3D FFE and 2D & 3D balanced FFE 8. 2D & 3D TFE and 2D & 3D balanced TFE 9. 2D & 3D TOF (including TURBO, gating) 10. Phase Contrast 2D & 3D 11. Fat Suppression (at least 4/5 different techniques) 12. Contrast and Non-Contrast Enhanced MRA for abdomen aorta, renal arteries,, pelvic vessels and peripheral vascular 13. 3D isotropic imaging 14. Diffusion Imaging with ADC maps for application in brain and body. 15. Whole body DWI technique. 16. MRCP, Pancreatogram & Urography 17. Perfusion imaging with online calculation of hemodynamic 			
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<ul style="list-style-type: none"> • maps like mean transit time, time to peak, time of arrival etc. • 18. T2 Perfusion Im rMTT, rCBV, rCBF corrected CBV, permeability constant & volume leakage • 19. 3D Non-contrast enhanced whole brain perfusion 20. Fusion software 21. Real-time free breathing respiratory motion-compensation technique 22. Cardiac imaging must cover anatomical, functional, perfusion and viability evaluation 23. Cine Imaging including delayed myocardial enhancement capability 24. Dual Inversion Recovery Black Blood Cardiac Imaging 25. Triple Inversion Recovery Black Blood Cardiac Imaging 26. Multislice / Multiphase function 27. Delayed enhancement imaging function 28. Myocardial perfusion imaging function 29. Orthopedic imaging package 30. Oncology imaging package 31. Pediatric imaging package 32. Vascular imaging package 33. MSK imaging package 34. Metal Implant Artifact reduction technique for patients with Metal Implants 35. Bolus tracking for real time synchronization of contrast bolus arrival. 36. Fetal anomaly survey 37. Single and multi-shot EPI-free selection capability of single or multi shot EPI 38. Dynamic Imaging (brain, liver, breast) 39. 3D-FFE with parallel imaging for Brain Volume Imaging 40. Diffusion Tensor Imaging 36 directions or more + Tractography 41. Spectroscopy – Single 42. Spectroscopy – Multi-Voxel 43. Functional MRI/ (BOLD Imaging) with online processing. 44. Flow Analysis software with display of peak velocities 45. Motion Correction for all anatomy 46. Fluoro Triggered MRA 47. MPR-Multi Planner Reconstruction 48. Magnetization transfer imaging 49. Gradient echo 3D for joints and spine 50. Cartilage Mapping for non-invasive imaging method for early detection of osteoarthritis 51. Advanced volumetric imaging with T2, T2 Flair, dual inversion recovery and Proton density weighted contrasts 52. MR Image Stitching 53. Advance Liver imaging. 54. Triphasic Scan of Liver, Body & Breast 55. Optimized breath hold sequences for abdominal studies including angiograms. State sequences with acquisition time. 			
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<p>56. MRI Enterography</p> <p>57. High resolution bilateral breast imaging technique</p> <p>58. High resolution T2 weighting for clear depiction of inner ear structures and facial nerve.</p> <p>59. Susceptibility weighted imaging with phase map to differentiate between micro- calcification and bleeding compulsory for trauma patients</p> <p>60. Multimodality fusion package</p> <p>61. It should be ensured that the imaging in MRI system is compatible with Medtronic Neuro-navigation system</p> <p>62. Should be connectable to multiple modalities like CT, PET, MRI, SPECT, ANGIO</p> <p>63. Must be able to do serial processing imaging system wise when multiple systems are connected to the processor.</p> <p>ACCESSORIES</p> <p>1. MRI Compatible wheel Chair (Qty 2)</p> <p>2. MRI Compatible Trolley (Qty 2)</p> <p>3. MRI Compatible IV Pole (Qty 4)</p> <p>4. Metal Detectors (Qty 3)</p> <p>5. Standard set of phantoms for calibration of MRI.</p> <p>6. Non-magnetic metallic platform for servicing of the magnet at no added cost</p> <p>7. Online sine pure sine Wave Double Conversion UPS for whole MRI suite or compatible with the system, with a minimum backup time of 1 Hour on full load, (MGE, Emerson, Liebert, Socomec, Delta, Chloride, Riello, APC) or equivalent</p> <p>8. Programmable, MRI Compatible Dual Head power injector with flow / volume and temperature control. Mounted on mobile base with 100 disposable syringes of 150ml capacity and connecting tubes (Medrad, Nemoto, Angiomatic/Madtron/Tyco or Equivalent).</p> <p>9. DICOM 3 Ready Dry Laser Camera / Imager, multi-size up to 14" x 17" for different size films (Carestream, Agfa, Fuji, Konica or Equivalent) for black & white printing on film, including 100 films.</p> <p>10. Film Viewer for images up to 14" x 17" with variable light control and shutter, with 4 1 format ; LED type</p> <p>11. Imported Water Chillers as per requirement of the system with standby arrangement. (USA, Europe or Japan Origin).</p> <p>12. RF copper cage with Oxygen, Air, Nitrous, Suction points and interior finishing as per manufacturer's recommendation and according to site requirement (USA, Europe or Japan Origin).</p> <p>13. MR Compatible Music system with audio headphone and audio earphone for patient during MRI.</p> <p>14. MR compatible stretcher(Qty3)</p> <p>15. MR Compatible laryngoscope. (Qty 2)</p> <p>16. MRI Compatible Non-Invasive Monitor displaying following features in screen,</p> <p>a. NIBP with Cuff</p> <p>b. Pulse Oximeter</p> <p>c. Oxygen Saturation</p> <p>d. ECG</p> <p>e. ECG Electrodes (MRI Compatible)</p>			
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- f. Finger Probes
- g. Respiratory Accessories (Should be provided MRI Compatible).

17. MRI Compatible Anaesthesia Machine with Built in Ventilator

a) Description:

- MRI Trolley left hand frame style, 2 vap mount Left hand cart on four antistatic castors, with Selectatec manifold for two vaporizers.
- Safety alarm and N2O cut-off in case of O2 failures.
- Must include patient breathing system (with Circle module) which is totally integrated in the footprint of the cart, eliminating all external tubes.
- The breathing system should be fully autoclave able and should be dissembled and assembled without any tools.
- Should include one lockable drawer
- The cart should be optimized for use in MRI environment and operated safely in magnetic field line of 300 Gauss.
- Should include MRI compatible Ventilator hardware Microprocessor controlled adult, pediatric and neonatal ventilator, featuring a clear ventilator screen (7 .6x15.2 cm).
- O2, pressure and volume monitoring on a single display.
- The screen should include the ventilator settings which can be easily controlled through a push & turn Command Wheel.
- Backup battery to provide operation for 45 minutes
- Should be compatible with close circuit system, Circle absorber. flow meter with sets compatible cylinders.

b) Tidal Volume delivery

- 20 to 1500 ml (for Volume Control and SIMV modes)
- 5 to 1500 ml (for Pressure Control Mode)
- O2 and volume monitoring, full tidal volume compensation.
- Electronic PEEP
- Short bag arm - non-adjustable height 25.4 cm/10 in
- All materials in contact with patient gas should be free of natural rubber latex.

c) Ventilation modes

- Volume Control
- Pressure Control
- Synchronized Intermittent Mandatory Ventilation (SIMV)
- Pressure Support (PSVPro) with Apnea Backup ventilation
- Cylinder connection, O2 cylinder pin indexed yoke
- Cylinder connection, N2O cylinder pin indexed yoke
- Air hose assembly - NIST, BOC MK3 probe, 4.6 m/15 ft hose assemblies
- N2O hose assembly - NIST, BOC MK3 probe, 4.6 m/15 ft hose assemblies

- 02 hose assembly - NIST, BOC MK3 probe, 4.6 m/15 ft hose assemblies
- 1x Isoflurane Vaporizer (MRI Compatible)
- 1x Sevoflurane Vaporizer (MRI Compatible)

d) Accessories

- Reusable Patient circuit (Qty 05)
- MR Compatible Oxygen Cylinder (Qty 02)
- MR Compatible Nitrous Cylinder (Qty 01)

e) Quality Assurance

System should be FDA and CE approved
Country of Manufacturer: USA / EUROPE & JAPAN

f) Warranty:

Comprehensive 5 Years Warranty with parts

TRAININGS

1. All technical staff deputed at MRI suit should be trained. The comprehensive training covering operations, calibrations and basic services protocols.
2. 02 x Foreign Application specialist visit at site for 01 week or more each in order to let hospital staff smooth and comprehensive clinical start-up with new equipment and modern technologies.

CIVIL WORKS / RENOVATION

SITE LOCATED ON GROUND FLOOR

ADJACENT TO MLO ROOM

Construction and modification of existing Block of 2000 sqft. with complete air conditioning of the MR Suite with minimum Qty. 10, 2 Tons, one 4 Ton AC for magnet room and dehumidifier system Qty 2 according to the international MRI machine installation standard including all electrical installation including DBs, UPS, electrical panels, Lights, boards & switches, 2 proper electrical grounding, Quench pipe, ducting, medical gas line connection to existing hospital's oxygen air nitrous suction points, seating arrangement, application of glazed tiles, false ceiling, vinyl, exhaust, Hepa-filters, fire alarms/smoke detectors, fire extinguisher according to the compatibility as needed for proper / smooth operation of the MRI installation. The MR Suite consisting of MR examination room, control room, console room, waiting room & changing room. The MRI scan room should be properly planned with provision of imported magnetic shielding on all walls and roof in order to avoid any EMI Interference from nearby lifts, traffic, chiller plant, etc and complete imported RF copper shielding and its interior finishing or anything else deem required.

Warranty:

1. 5 Years Standard Warranty with parts including UPS, Helium, Coils. (This commitment of 5 years warranty should also be emailed by the manufacturer directly to the Procuring Agency).
2. Vendor will be responsible for provision of the Helium for 10 years. (Adequate level to operate).
3. Vendor will quote in USD for repair & maintenance with parts for the period 6-10 years after purchase (This will be emailed by manufacturer to Procuring Agency directly).

<p>4. Vendor will also give the cost of coil in USD for years 6-10 after purchase.</p> <p>5. 5 -Year Hardware Up-gradation and 10-year software up-gradation as per the latest released versions after the installation of the equipment. The warranty includes all services, spare parts, replenish-able items up gradation of the system software and hardware and all (accessories) supplied by the firm as per terms of the contract.</p> <p>6. Manufacturer Warranty: Undertaking of the manufacturer for providing Comprehensive 05-Years warranty and post warranty (Whole MRI facility including coils& UPS batteries. Additional Items supplied by the local firm should also be included in the post warranty period on the same contract value. Certificate from the manufacturer that the after sales services / backup services shall be provided jointly with the local agent and in case of change of local agent, Manufacturer will provide the after sales services themselves or through newly appointed agent for five years from the date of commissioning and signing of installation report. The manufacturer or distributor will sign the Contract Agreement along with its Local agent and the manufacturer will provide a letter of authorization for the this commitment for ensuring prompt after sales service.</p> <p>Country of Manufacturer : USA / UK, EU, Japan or Equivalent</p> <p>INTERNATIONAL SAFETY AND QUALITY ASSURANCE FOR MRI</p> <p>Any two below Certificates:</p> <ol style="list-style-type: none"> 1. MDD Compliance (CE Marked) 2. FDA 510K Approval 3. PAL Certificate <p>MAJOR TERMS AND CONDITIONS</p> <ol style="list-style-type: none"> 1. The Manufacturer should have documentary evidence to the effect that they are the original Manufacturer of the quoted product 2. Certificate from the manufacturer that the after sales services / backup services shall be provided jointly with the local agent and in case of change of local agent, they will provide the after sales services themselves or through newly appointed agent 3. Lay out plan / drawing with fringe field calculation along with the bid. 4. Satisfactory Past performance of the firm for a similar quoted item. (Local / Institutional) Govt. / Private 5. Sufficient Technical and Engineering capabilities of the firm (attach a list of technical and engineering staff, special testing equipment/calibration/ repair tools for MRI system). 6. Submission of valid legally enforceable authorization letter 			
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<p>of manufacturer assuring full guarantee and warranty obligations.</p> <p>7. Infra structure for execution of after sales services mentioned by the bidder shall be evaluated for its suitability as per provisions given in specifications and other requirements detailed in the technical specifications of the bidding documents.</p> <p>8. Clearly state power requirement, heat dissipation in each room, accessories be adapt to local power, water supply, temperature, humidity, dust and other environmental hazards and variations. All essential term and condition to ensure optimum performance of the system after commissioning with minimum down time and life cycle cost.</p> <p>9. All items in the supply order should be supplied during the time of installation. No exceptions will be allowed. All third party items should be USA/Europe/Japan origin and medical third party items should be FDA and CE approved with mentioned origins.</p> <p>10. Software upgrades (where hardware upgrades are not required) like new pulse sequence, new application package, etc, should be provided within one month after release worldwide (any country, viz. North America / Europe / Germany, etc). In case, the same is not provided in time, the parent company should undertake the responsibility to implement the same.</p> <p>11. Satisfy Regulations as per international standard and FDA and CE approval certificate.</p> <p>12. All needed software and hardware must be provided</p> <p>13. Magnet should be manufactured by the manufacturer and certificate of brand new magnet should be enclosed by manufacturer Shipment of magnet should be via air.</p> <p>14. Installation and acceptance testing of MRI will be carried out by foreign qualified and factory trained engineer.</p> <p>15. 95% up time of 365 days (24 hrs a day) that is from the day of successful handing over of the equipment after the installation and acceptance testing as per manufacturer recommendations and international standards. If the uptime falls short of 95% then following formula will be applied to determine extension addition in the warranty / Service contract period.</p> <ol style="list-style-type: none"> 1. 100-95% No penalty. 2. 85 - 95% - The warranty period / service contract will be extended by 1.6 times the number of days calculated as extra down time. 3. 80 - 85% - The warranty period / service contract will be extended by 2.0 times the number of days of extra down time. 4. Below 80% the warranty period / services contract will be 			
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extended by 3.0 times the number of days calculated as extra down time. In addition 1% of the retained / performance bank guarantee will be deducted.

5. Down time would be defined as failure of equipment operation to acquire or process data / get images, resulting in the inability to carry out the required procedure / test including hard copy of images. The time should start when user notifies designated maintenance service engineer of the firm in writing. However, the call response time should not be more than 12 hours from the time of intimation verbally or in writing. Down time will end once the repair has been done in the system and is again available for clinical use.

6. Annual calibrations of complete system will be carried out by qualified engineer and a certificate to this effect will be provided by the local supplier.

16. Software upgrades (where hardware upgrades are not required) like FMI, new application package, etc, should be provided within one month after release worldwide (any country, viz. North America / Europe / Germany, etc). In case, the same is not provided in time, the parent company should undertake the responsibility to implement the same.

17. Safety regulations as per international standard and FDA and CE approval certificate

18. Provide proof of tech technical specification parameter and vendor certificate if required.

19. A certificate from the vendor for brand new, latest and state of the art system

20. Provide no. of installations of MRI carried out by the local supplier

21. Provide company profile and list of clients in Pakistan and Internationally with customer's satisfaction certificate.

22. The firm must possess its related back up support services including trained engineers, workshop facilities, spare parts availability and repair / calibration tools etc.

MANUFACTURER/ SUPPLIER TERMS & CONDITIONS:

1. The manufacturer/ supplier will undertake to maintain the equipment during the period of warranty from the date of full functional commissioning with all specified parameters. The manufacturer/ supplier will also undertake to provide the

<p>availability of brand new spare parts for 10 Years and confirmation of after sales services through its agent or directly.</p> <p>2. The manufacturer will provide undertaking that the magnet is manufactured by Manufacturer and Origin of Magnet will be preferred USA, Europe or Japan. Magnet to be shipped to Pakistan via Air by manufacturer & supplier for safety and durability of Magnet.</p> <p>3. The maintenance will be the responsibility of the manufacturer and the agent. An annual optimal uptime of 95 % is considered as acceptable level of performance.</p> <p>4. Software and hard ware up gradation of the computing system should be carried out as available during warranty period as recommended by the manufacturer.</p> <p>5. Manufacturer/ Supplier shall be responsible for rectifying problems with all possible speed at their own expense any defect or fault in the system which may develop at any time during installation, commissioning period.</p> <p>6. The firm will bound to execute the installation/ maintenance according to the installation/ service protocol and will replace the components/ kits recommended by the manufacturers for installation and Periodic Preventive maintenance.</p> <p>7. The scheduled preventive maintenance shall be in accordance with Service Protocol recommended/ advised by the manufacturer.</p> <p>8. Under normal operating conditions and acceptable temperature, humidity range and atmosphere of MRI machine room with at least 6 hourly temperature and humidity log maintained in working hours, if the helium leaks, it will be the responsibility of the manufacturer/supplier to refill helium for 10 Years</p> <p>9. The manufacturer/ supplier will connect the system to their Remote Diagnosis and Service Centre via modem for pick-up early faults at no cost to the hospital.</p> <p>10. The manufacturer/ supplier will certify that the system will be used for continuous scanning/ examination purposes for at least two working shifts (at least from 8.00am to 10.00pm)</p> <p>PRE-REQUISITE:</p> <p>1. The firms must quote their leading brands with the proven past performance.</p> <p>2. The firm must possess its related back up support services including trained engineers on offered model, workshop facilities, spare parts availability and repair/calibration tools etc.</p> <p>3. The firm will submit the details regarding managerial, engineering, history of past projects, testing tools, key engineer's</p>			
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<p>relevant trainings related to MRI Scanner etc. which will be verified by the technical team to assess its qualification for determining the eligibility. Only the qualified eligible firms will be evaluated further as per evaluation criteria.</p> <p>4. Similar one or more unit of 1.5T MRI must be installed and enjoy good reputation in Pakistani and/or Asian market for minimum one year.</p>			
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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 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: _____

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

STANDARD BIDDING DOCUMENTS



GOVERNMENT OF SINDH

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

Ref No:- AMS/SBB-TC/PROC/(R&M-04) /2017-18

ROUGH COST ESTIMATE: 20 (M)

**OPERATION, RUNNING, REPAIR AND MAINTENANCE OF
ELECTRICAL WORKS AND POWER GENERATION SYSTEM ON
RATE CONTRACT BASIS**

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) Manufacturers/Importers/Sole Agents/Contractors for **Operation, Running, Repair and Maintenance Of Electrical Works and Power Generation System On Rate Contract Basis; Contract No:- AMS/SBB-TC/PROC/ (R&M-04) 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. Failing so, Procuring Agency may take necessary action against Contractor as deem fit.
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	:	Operation, Running, Repair and Maintenance Of Electrical Works and Power Generation System On Rate Contract Basis
Bid Validity	:	90 Days
Amount of Bid Security	:	2% of Bid Quoted Price
Last date of Selling of Bid	:	29- November-2017 till 04:00p.m.
Date of Submission of Bid	:	30- November-2017 from 09:00a.m to 11:00a.m.
Date of Opening of Bid	:	30-November -2017 at 11:30a.m.
Performance Security	:	2% of the Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage Two Envelope Procedure 46(2)
Period of Completion	:	One year from the date of Award of Contract
Liquidity Damages	:	0.05% of the bid price per day after the period of Completion up to 10% maximum

TERMS & CONDITIONS OF TENDER

1. Taxes will be deducted from the contractor's bill as imposed by the Government from time to time as well as Contractor will pay all the Government Institution's Contribution himself.
2. Contractor will not be allowed to participate in any Political / Immoral / Illegal activities in the premises of SBB Accident Emergency & Trauma Centre, Karachi.
3. Contractor will not be allowed to sublet the contract except define specifically otherwise.
4. Contractor will be responsible to pay contribution/Sindh Sales Tax to the Government Institutions as per Government policy.
5. In case of any dispute contractor will approach the Deputy Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi. If contractor is not satisfied with the decision of the Deputy Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi then he has the right to approach the Addl. Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi. The decision of the Addl. Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi will be final.
6. In case of dispute, decision of the Addl. Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi shall be final and contractor will not challenge the decision in the Court of Law.
7. The Addl. Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi has the right to cancel the contract at any stage and without issuing any prior notice in case of violation of **Agreement / ToR** is proved as well as damages the prestige or property of SBB Accident Emergency & Trauma Centre, Karachi.
8. Contractor will be responsible for any theft or pilferage committed by any of his employees. The employee will be liable to punishment under the rules.
9. In case of breach of the contract by the contractor, contract will be forfeited partly or fully as decided by the Addl. Medical Superintendent SBB Accident Emergency & Trauma Centre, Karachi.
10. Any condition / clause of the Contract can be included / amended if required in the interest of the SBB Accident Emergency & Trauma Centre, Karachi with the mutual understanding of both parties.
11. Contractor shall have its own equipment required for Maintenance etc. Equipment must be approved by the Authorized Officer of SBB Accident Emergency & Trauma Centre, Karachi before commencement of contract.
12. The Contractor should not violate or allow his Staff to violate the rules of the Sindh Government.
13. In case of violation of any rule the contractor may be fined upto Rs. 5,000/- at one time and legal action will be initiated against him.
14. Contractor shall be responsible for his staff.
15. The Contract is for one year starting from the date of agreement and is extendable till the new contract, after the approval from Competent Authority – SBB Accident Emergency & Trauma Centre Karachi.

16. Tender price will be assessed / computed on best bid evaluated cum lowest basis as mentioned at "B".
17. Document(s) for Evaluation of Maintenance Services must be paged / flagged by the bidders.

SYSTEMATIC PROCEDURAL

- a) Each bid shall comprise Single Stage Two Envelope containing the required information.
- b) Tender Fee in shape of pay order in favor of Additional Medical Superintendent / DDO, SBB Accident Emergency & Trauma Centre, Karachi must be attached (if downloaded from SPPRA Website), else the offer will be rejected.
- c) Bid Security may be attached in shape of DD / Pay Order / Bank Guarantee issued by the scheduled Bank(s) in Pakistan.
- d) Bid should be dropped at Planning & Procurement Department, 12th Floor, SBB Accident Emergency & Trauma Centre by mail or by hand 30-November-2017 till 11:00 am and will be opened same day at Committee Room, 12th Floor, Meeting room, SBB Trauma Centre at 11:30am.
- e) Bid / offer will be evaluated as per criteria and the bid's terms & conditions.
- f) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax
- g) 0.35% of ordered amount should be placed on contract agreement as stamp duty on stamp paper of value (Rs.100).
- h) 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.
- i) 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.
- j) Conditional tender and tender without bid security shall not be considered.
- k) GST / Income Tax & SRB Certificates must be accompanied with tender.
- l) 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) .

- m) 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.
- n) Prices quoted shall remain valid till 90 days.
- o) No tender will be entertained without bid security. The bid security will be forfeited to Government Treasury, in case of non-submission of performance security within seven (7) days of receipt of the offer letter.
- p) Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.
- q) If the contractor fails to give services within the stipulated period, liquidity charges will be imposed.

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)

Mandatory Requirements:

- Should comply Terms & Conditions of the Standard Bidding Documents.
- Should be registered with PEC in following categories: -
 - a. EE-03 (Building Automation System & Energy Generation System)
 - b. EE-06 (Specialized Lighting System)
(Certificate should be attached)
- Should have Electrical License issued by Government of Sindh
- Copy of Registration Certificate with EOBI
- Copy of Registration Certificate with SESSI
- Should be registered with Income Tax Department (NTN Certificate should be attached).
- Should be registered with Sindh Revenue Board (SRTN Certificates should be attached).
- Copy of Professional Tax 2017-18
- A certificate of Financial Soundness of the firm from Bank stating that it can conduct business upto 20 million each year.
- 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.
- Bidder already providing same services at SBB-TC should obtain & attach a satisfactory performance certificate from competent authority.

S.No.	Evaluation Criteria	Marks
1.	Company Profile	20
2.	List of Machinery Equipment / Tools which will be utilized by the Contractor to carry out desired operations	30
3.	Maintenance Service Plan for each category (list of duties/activities perform on daily / weekly / monthly basis etc.)	30
4.	Should have experience of Hospital Maintenance atleast two hospital (minimum 200 bedded) 10 marks for each hospital	20
TOTAL		100

Qualifying marks – 70 marks

- 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.

SCOPE OF WORK / SCHEDULE OF REQUIREMENTS

OPERATION, RUNNING, REPAIR AND MAINTENANCE OF (ELECTRICAL WORKS AND POWER GENERATION SYSTEM ON RATE CONTRACT BASIS AT SBB ACCIDENT EMERGENCY & TRAUMA CENTRE, KARACHI:

A. ELECTRICAL WORKS:

S.No.	Description of Staff	Quantity	Qualification	Experience
1	Electrical Maintenance Supervisor	01	DAE Electrical + Electrical License	05 years building & control experience in relevant field
2	Electricians	08	DAE Electrical + Electrical License	03 years building & control experience in relevant field
3	Electricians Helper	07	Matric	02 years maintenance experience in relevant field
Total Number of Staff		16 Nos.		

NOTE: All staff would be interviewed and selected by the consent of competent authority after verification of their relevant documents (Qualification and Experience)

SCOPE OF WORKS

1. Provide complete operations and preventive maintenance of electrical equipment related to power & lighting, electrical installations viz. electrical panels and allied accessories e.g. switchgear, distribution transformer, main breakers, main LT panel etc.
2. Provide repair (breakdown) maintenance services of electrical equipment and new installations as and when required.
3. Responsible to all control works.
4. Repair & Maintenance of electrical works of drive way ramps, UPS and oxygen plant room etc.
5. Repair & Maintenance of 11KV ACB (Air Circuit Breaker) switch gear including 11KV cable 4C- 240/300 mm sq.
6. Repairing & Maintenance of phase sequence panel.
7. Repairing & Maintenance of HT & LT of Bushing of 11KV/440v transformers 2000KVA.
8. Repairing & replacing of lighting fixture including LED panel light, PLC light and all internal, external and peripheral lights etc.
9. Repairing & Maintenance of main LT panel including Genset panel, HVAC panel, Power

Factor Improvement panel etc.

10. Repairing, replacement & maintenance of all SMDBs, LT panel, power & electrical DB's, OT DB's in every floor including replacement of triple pole, double pole & single pole breakers & cables.

11. Repairing & Maintenance of HVAC control panel A&B at 4th floor.

12. Repairing & Maintenance of CCTV system, fire alarm system, public address system, LCD, Rack & DVR etc.

13. Repairing, Replacement & Maintenance of Main DBs' OT & ATS panel including triple pole breaker and cables.

14. Ensure that operation and preventive maintenance of each unit will be carried out on regular basis.

15. The Contractor will provide uniforms, Identity Cards to each and every deployed staff.

16. The contractor shall be responsible for the execution of minor repairs and adjustments related to the activities of ordinary wear and tear maintenance.

17. The Contractors shall provide the list of staff with telephone numbers to Procuring Agency.

18. The Contractors should ensure all safety precautions for its staff.

19. The Contractor shall be equipped with proper hand tools and similar equipment.

20. The Contractor must notify by written notice to Procuring Agency prior to the making of any repair.

21. Procuring Agency will provide an office to contractor for administrative purposes only and at easy contact location. Procuring Agency will provide adequate storage facilities to contractor for storage of all contractor's equipment & supplies used for this contract.

22. The detailed service report and log book of each unit should be maintained as per manufacturers manual and submit to the Procuring Agency on regular basis.

MATERIAL AND ITEMS FOR REPAIR & MAINTENENCE ON RATE CONTRACT BASIS

S #	Item Name	Description of Items	Qty	Rate	Amount in Words
1	LED Light	18 Watts, 8", White Surface Type	01		
2	LED Light	18 Watts, 8", Warm White Ceiling Type, Code: 4000 K	01		
3	Energy Saver	18 Watts, Threaded Type	01		
4	Panel Light	35 Watts, 1/4 LED warm white, Complete set	01		
5	PVC pipe	Electrical 1"	01		
6	PVC Saddle	1 "	01		
7	PVC Tape	—	01		
8	PVC Fisher	6"	01		
9	PVC Fisher	8"	01		
10	PVC back box	—	01		

11	PVC Connector	10 amps	01		
12	PVC Connector	30 amps	01		
13	PVC Channel Patti	1-1/2 inch	01		
14	Rawal Bolt	8"	01		
15	Rawal Bolt	10"	01		
16	Rawal Bolt	6"	01		
17	Top-1	15 amp,3 pin plug	01		
18	Cable	1.5 mm, Pak Cable or equivalent, 4 colors each, 1 core(Wires)	01		
19	Cable	04 mm , Pak Cable or equivalent, 4 colors each, 1 core(Wires)	01		
20	Cable	2.5 mm, Pak Cable or equivalent, 4 colors each, 1	01		
21	Cable	6 mm, Pak Cable or equivalent, 4 colors each, 1 core(Wires)	01		
22	Cable	16 mm, 4 core, Pak Cable or equivalent	01		
23	Cable	6 mm, 3 core, Pak Cable or equivalent	01		
24	Cable	10 mm, 3 core, Pak Cable or equivalent	01		
25	Light Plug	10 amps (Schneider socket or equivalent)	01		
26	Power Plug	15 amps (Schneider socket or equivalent)	01		
27	Screw	2 inch	01		
28	Screw	1 inch	01		
29	Screw	1-1/2 inch	01		
30	Single pole breaker	20 amp, Hager	01		
31	Single pole breaker	16 amp, Hager	01		
32	Single pole breaker	32 amp, Hager	01		
33	Indication bulb	220 volts	01		
34	Lugs	120 mm	01		
35	Lugs	300 mm	01		

36	Breaker	63 amp, Triple pole (Hager,Terasaki)	01		
37	Breaker	100 amp, Triple pole (Terasaki)	01		
38	Halogen Lamp	400 watt (Sets)	01		
39	Halogen Lamp	400 watt (White)	01		
40	Top	2 Pin Plug	01		
41	Ignitor	400 watt	01		
42	Capacitor	240 v- 55uf	01		
43	Sheet	1 gang (Clipsal or equivalent)	01		
44	Sheet	2 gang (Clipsal or equivalent)	01		
45	Sheet	3 gang (Clipsal or equivalent)	01		
46	Sheet	4 gang (Clipsal or equivalent)	01		
47	Sheet	5 gang (Clipsal or equivalent)	01		
48	Tubelight	36/40 W (Slim type)	01		
49	Electronic Blast(Chock)	36/40 watt	01		
50	Blast Normal (Chock)	40 watt	01		
51	Tubelight	40 watt	01		
52	Driver LED	8" (Chock), 18 watt	01		
53	Panel Light Driver (Chock)	1/4 LED 35 watt	01		
54	Blast	400 watt (Chock)	01		
55	Magnetic Contactor	Terasaki (TS-85a) ACI-135A	01		
56	Electronic Voltage Regulator	EVR	01		
57	Fuse	125 amp	01		
58	Breaker	200 amp, Triple pole (Terasaki or equivalent)	01		
59	Tubelight set double type	40 watt	01		
60	Timer	Panasonic Model # (PM4H-s)	01		

B. POWER GENERATION SYSTEMS (GENSETS):

S.No.	Description of Staff / Scope of Work	Quantity	Qualification	Experience
1	Power Generation & Electrical Supervisor	01	DAE	05 to 07 years experience in trouble shooting and overhauling of Gensets
2	Diesel / Gas Gen-sets Technicians	04	DAE	Minimum 03 years experience in trouble shooting and overhauling of Gensets
3	Diesel / Gas Gen-set Helper	04	Matric	03 Year Experience of trouble shooting
	Total Number of Staff	09 Nos.		
3	<p>Provide complete operation and preventive maintenance services to the following gen-sets:</p> <ul style="list-style-type: none">• 1250kVA x 02 Cummins Diesel Gen sets• 1250kVA x 02 Caterpillar Gas Gen sets (Not Installed as yet) <p>All functional gensets shall be maintained after 3 months or running of 200 hours as under:</p> <ul style="list-style-type: none">• Oil Change• Oil Filters Change• Fuel Filter Change• Air Filter Change• Addition of coolant if and when required• Service of all functional gensets <p>Note:</p> <p>1. The cost of material will be borne by the Contractor</p> <p>2. Bidder is required to quote the price for each Gensets separately. Payment for presently non-functional gensets would be started after they become operational.</p>			
NOTE: All staff would be interviewed and selected by the consent of competent authority after verification of their relevant documents (Qualification and Experience)				

OTHER SCOPE OF WORK:

- Responsible to test all Gensets in each shift on daily basis.
- Responsible to clean/dusting of all Gensets in each shift on daily basis.
- ATS Panel/Manual switching of electric power from K-Electric to Gensets and vice versa in case of power failure.
- Complete maintenance of 2 underground diesel tanks.
- Ensure that operation and preventive maintenance of each unit will be carried out on regular basis.
- The Contractor will provide uniforms, Identity Cards to each and every deployed staff.
- The Contractors shall provide the list of staff with telephone numbers to the department.
- The Contractors should ensure all safety precautions for its staff.
- The Contractor shall be equipped with proper hand tools and similar equipment.
- The Contractor shall be responsible for the execution of minor repairs and adjustments related to the activities of ordinary wear and tear maintenance.
- The Contractor must notify by written notice to Procuring Agency prior to making of any repair.
- The Procuring Agency will provide an office to contractor for administrative purposes only and at easy contact location.
- Procuring Agency will provide adequate storage facilities to contractor for storage of all contractor's equipment & supplies used for this contract.
- The detailed service report and log book of each unit should be maintained as per manufacturers manual and submit to Procuring Agency on regular basis.

MATERIAL AND ITEMS FOR REPAIR & MAINTENANCE ON RATE CONTRACT BASIS

S #	Item Name	Unit	Qty	Rate	Amount in Words
1	AGS Battery 260A	Nos.	01		
2	Battery Chargers 24 V - 10A	Nos.	01		
3	Battery Chargers 24V - 5A	Nos.	01		
4	MPO (Mechanical Speed Sensor) for Engine Body No. KT38, 33124197-778N	Nos.	01		
5	Falcon Belt 4" for Engine Body No. KT-38 33124197-778N	Nos.	01		
6	Tool Kit complete	Nos.	01		
7	Governor Gas woodward PT9905463 SL13202846	Nos.	01		

	Cage31361				
8	Governor Diesel woodward PT9907-018 SL15370435 Cage31361	Nos.	01		
9	A VR for Gas Generator Part No. 528352 US Patent 5294879 A VR for Diesel Generator AVR No. SS16A2, SS-12, SS50FW	Nos.	01		
10	McPherson Controls 4501 NW27 AVE Miami Florida 33142	Nos.	01		
11	Fuse IOA AC 500V - DC 250V	Nos.	01		
12	Fuse 1.5A	Nos.	01		
13	Deltrol Control Coils (Relay) 24V DC S155D Realy No. 0135	Nos.	01		
14	Flexible Water Pipe 3/4"	Ft.	01		
15	Pipe Nipple 3/4"	Nos.	01		
16	Spot Light for Generators Room	Nos.	01		
17	Generator Panel Room Light	Nos.	01		
18	Exhaust Fan for Generator Room 2x2 ft.	Nos.	01		
19	Blour fixed type	Nos.	01		
20	Blour hand held	Nos.	01		
21	Chargeable Emergency Light	Nos.	01		
22	Bracket Fan	Nos.	01		
23	Hose Pipe Different Sizes (As per requirement)	Nos.	01		
24	Gas Pipe with Oil Can (1 No.)	Nos.	01		
25	Compressor Machine for Radiator cleaning	Nos.	01		

Diesel Generating Sets (12.5 KVA) Engine Body No. KT38, 33124197-778N					
S #	Item Name	Unit	Qty	Rate	Amount in Words
1	Diesel Pump	Pcs.	01		
2	Injectors	Pcs.	01		
3	Turbo Chargers	Pcs.	01		
4	Water Body	Pcs.	01		
5	Radiator	Pcs.	01		
6	Water Cooler	Pcs.	01		
7	Oil Pump	Pcs.	01		
8	Oil Sender	Pcs.	01		
9	Fuel Pump	Pcs.	01		
10	Diode Bridge	Pcs.	01		

Note: The offer will not be considered without signature & Stamp of the contractor.

- 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/ Supplier/Contractors: - _____

Name : - _____

Designation :- _____ +

CNIC No:- _____

Full Address: - _____

Telephone No. Shop:- _____ Cell No:- _____

Email Address (if any) _____

Stamp _____

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 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: _____

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. _____
Superintendent

Additional

Medical

SHAHED BENAZIR BHUTTO ACCIDENT, EMERGENCY & TRAUMA CENTRE KARACHI
GOVERNMENT OF SINDH
ANNUAL PROCUREMENT PLAN
FINANCIAL YEAR 2017-18

Updated on 09-11-2017

Updated on 09-11-2017

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 st Qtr.	2 nd Qtr.	3 rd Qtr.	4 th Qtr.	1 st Qtr.	2 nd Qtr.	3 rd Qtr.	4 th Qtr.		
15	One time LSP for Trauma Centre, Karachi LSP # 03970 SLP	Supply , Installation, Testing & Commissioning of Medical Equipment, Machinery, Surgical Instruments & Others Items Reference # AMS/SBB-TC/PROC/(LSP-01)2017-18	—	—	225 Million	500 Million	Non ADP							✓				
		Supply of HVAC Consumables & Parts Reference # AMS/SBB-TC/PROC/(R&M-02)2017-18	—	—	35 Million								✓					
		Supply of Furniture & Fixture Articles Reference # AMS/SBB-TC/PROC/(FF-01)2017-18	—	—	3.6 Million								✓					
		Supply, Installation, Testing & Commissioning of MRI Machine with Civil Works Reference # AMS/SBB-TC/PROC/(LSP-02)2017-18	—	—	120 Million									✓				
			—	—	116.4 Million									✓				

Manager

MANAGER PLANNING & PROCUREMENT
SBB ACCIDENT EMERGENCY & TRAUMA CENTRE, KARACHI

THURSDAY | November 09, 2017

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THURSDAY NOVEMBER 9, 2017

SHAHEED BENAZIR BHUTTO ACCIDENT EMERGENCY & TRAUMA CENTRE KARACHI
Ph: 02199216384 Fax: 02199215733

No: AMS/SBB-TC/PROC/2017-18/125 Dated: 06 November, 2017

TENDER NOTICE

Shaheed Benazir Bhutto Accident Emergency & Trauma Centre invites sealed bids on Single Stage – Two Envelope 46(2) procedure as per Sindh Public Procurement Regulatory Authority Rules from the Manufacturers / Suppliers / Authorized Distributors etc. for Current Fiscal Year 2017-18 of following:

S. No.	Name of Tenders	Bidding Document Cost (Rs.)	Bid/Tender Security	Tender Purchasing Date	Date of Submission and Opening
1	Supply, Installation, Testing & Commissioning of MRI Machine with Civil Works Tender Reference # AMS/SBB-TC/PROC/(LSP-02) 2017-18	5000	2% of Bid Amount	07.11.2017 to 29.11.2017	30.11.2017 between 09:00 - 11:00 a.m. and 11:30 a.m. respectively
2	Operation, Running, Repair and Maintenance of Electrical Works and Power Generation System. Tender Reference # AMS/SBB-TC/PROC/(R&M-04) 2017-18	2000	2% of Bid Amount	07.11.2017 to 29.11.2017	30.11.2017 between 09:00 - 11:00 a.m. and 11:30 a.m. respectively

Note: A Pre-Bid Meeting is scheduled on Monday, 20 November, 2017 at Planning & Procurement Department, Twelve Floor SBB Accident Emergency & Trauma Centre at 11:30 a.m. [Applicable on above mentioned serial # 1-MRI Machine Only].

- 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 favour of Addl. Medical Superintendent SBB Trauma Centre, Chand Bibi Road, Karachi. Tender documents can also be downloaded from SPPRA website www.pprasingh.gov.pk and 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 in shape of Pay Order/Demand Draft must be attached.
- In case of announcement of Public Holiday or any unfavourable circumstances, the bids shall be submitted and opened as per given schedule on the next working day.

INF-KRY: 4691/17 Say No to Corruption ہم دشمنی کے خلاف متحد ہیں ADDL. MEDICAL SUPERINTENDENT/DDO SBB Accident Emergency & Trauma Centre