



JINNAH SINDH MEDICAL UNIVERSITY, KARACHI

NATIONAL COMPETITIVE BIDDING

FOR

**CONSTRUCTION OF FAMILY MEDICINE BLOCK
NEAR MORTUARY BUILDING, JSMU, KARACHI**

NOVEMBER 2018

Jinnah Sindh Medical University

Rafiqi H.J. Shaheed Road, Karachi. Postal Code# 75510

www.Jsmu.edu.pk Tel: 35223812-15 (Ext- 350) Fax # 99201372

LIST OF CONTENTS

PART	DESCRIPTION
Part-I	NOTICE INVITING TENDERS
Part-II	INSTRUCTIONS TO BIDDERS
Part-III	BIDDING DATA
Part-IV	CONDITIONS OF CONTRACT
Part-V	BILL OF QUANTITY



JINNAH SINDH MEDICAL UNIVERSITY KARACHI

Planning & Development / Procurement Department

Ref: JSMU/P&D/PROC/NIT/ 5634

Dated: 05-11-2018

NOTICE INVITING TENDERS

Jinnah Sindh Medical University, Invites Sealed Bids from Reputable and well experienced firms/ Companies, registered with GST/NTN/SRB/PEC (wherever applicable) for the procurement of Security Services and procurement of works as details given bellow:

Name of Work	Earnest Money/ Bid Security	Tender Fee	Contract Period	Date of Issuance, Submission and Opening
HIRING OF SECURITY AGENCY AT JINNAH SINDH MEDICAL UNIVERSITY	2%	Rs 2000 /-	11 Months	ISSUANCE: 09-11-2018 to 26-11-2018 (During Working Hours) SUBMISSION: 27-11-2018 till 11:00am OPENING: 27-11-2018 at 11:30 am

Name of Work	Earnest Money/ Bid Security	Tender Fee	PEC Registration	Completion Period	Date of Issuance, Submission and Opening
CONSTRUCTION OF FAMILY MEDICINE BLOCK NEAR MORTUARY BUILDING, JSMU, KARACHI	2%	Rs 2000 /-	C-6 and above	3 Months	ISSUANCE: 09-11-2018 to 26-11-2018 (During Working Hours) SUBMISSION: 27-11-2018 till 12:00pm OPENING: 27-11-2018 at 12:30 pm

METHOD OF PROCUREMENT: Single Stage Two Envelope Procedure.**TERMS AND CONDITIONS:**

- Tender Documents can be obtained from the office of the procurement officer, P&D Department, 3rd Floor, JSMU, Karachi during office hours on payment of Rs. 2000/ in shape of pay order in favor of Vice Chancellor, Jinnah Sindh Medical University, (non-Refundable & non-Transferable)
- Tender Documents can be downloaded from Jinnah Sindh medical university Website www. Jsmu.edu.pk or Sindh public procurement Regulatory Authority (SPPRA) website <https://ppms.pprasingh.gov.pk/PPMs>.
- The tenders shall be opened by procurement committee in presence of the bidders or their authorized representative who wish to be present.
- In case of holiday or any incident tenders will be obtained /submitted /opened on the next working day as per given schedule.
- All required documents along with PEC/SRB/NTN, Professional Tax Certificate etc. must be attached
- All prescribed taxes applicable under Federal / Provincial/ local Government shall borne by bidder.
- 2% bid security shall be submitted of the total Bid Value in favor of VICE CHANCELOR, Jinnah Sindh Medical University, Karachi.
- Rs 100 /- Affidavit that firm has not been Black Listed by any Government, Semi Government of Autonomous bodies on Non-Judicial stamp paper.
- Financial Statement (Summary), the firm/bidder must be active tax payer and submit turnover of atleast last 3 years.
- Procurement agency may reject all or any bid subject to the relevant provision of SPPRA Rules 2010 (amended 2017). All terms & conditions of SPPRA shall be applicable.

DIRECTOR
Planning & Development
Jinnah Sindh Medical University, Karachi

Instructions to Bidders

General Rules and Directions for the Guidance of Contractors

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Agency. It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are included as Conditions of Contract and *Contract Data*.

The *Instructions to Bidders* will not be part of the Contract and will cease to have effect once the contract is signed.

1. All work proposed to be executed by contract shall be notified in a form of Notice Inviting Tender (NIT)/Invitation for Bid (IFB) hoisted on website of Authority and Procuring Agency and also in printed media where ever required as per rules.

NIT must state the description of the work, dates, time and place of issuing, submission, opening of bids, completion time, cost of bidding document and bid security either in lump sum or percentage of Estimated Cost/Bid Cost. The interested bidder must have valid NTN also.

2. Content of Bidding Documents must include but not limited to: Conditions of contract, Contract Data, specifications or its reference, Bill of Quantities containing description of items with scheduled/item rates with premium to be filled in form of percentage above/ below or on item rates to be quoted, Form of Agreement and drawings.

3. **Fixed Price Contracts:** The Bid prices and rates are fixed during currency of contract and under no circumstance shall any contractor be entitled to claim enhanced rates for any item in this contract.

4. The Procuring Agency shall have right of rejecting all or any of the tenders as per provisions of SPP Rules 2010.

5. **Conditional Offer:** Any person who submits a tender shall fill up the usual printed form stating at what percentage above or below on the rates specified in Bill of Quantities for items of work to be carried out: he is willing to undertake the work and also quote the rates for those items which are based on market rates. Only one rate of such percentage, on all the Scheduled Rates shall be framed. Tenders, which propose any alternative in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work, or which contain any other conditions, will be liable to rejection. No printed form of tender shall include a tender for more than one work, but if contractor wish to tender for two or more works, they shall submit a separate tender for each.

The envelope containing the tender documents shall refer the name and number of the work.

6. All works shall be measured by standard instruments according to the rules.

7. Bidders shall provide evidence of their eligibility as and when requested by the Procuring Agency.

8. Any bid received by the Agency after the deadline for submission of bids shall be rejected and returned unopened to the bidder.

9. Prior to the detailed evaluation of bids, the Procuring Agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience

statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

10. Bid without bid security of required amount and prescribed form shall be rejected.

11. Bids determined to be substantially responsive shall be checked for any arithmetic errors. Arithmetical errors shall be rectified on the following basis;

- (A)** **In case of schedule rates**, the amount of percentage quoted above or below will be checked and added or subtracted from amount of bill of quantities to arrive the final bid cost.
- (B)** **In case of item rates**, .If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of the Agency there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail and the total bid amount shall be corrected.
- (C)** Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents).

- i. Name of Procuring Agency: **JINNAH SINDH MEDICAL UNIVERSITY**
- ii. Brief Description of Works: **CONSTRUCTION OF FAMILY MEDICINE BLOCK NEAR MORTUARY BUILDING, JSMU, KARACHI**
- iii. Procuring Agency's address: **P&D/PROCUREMENT DEPARTMENT, JINNAH SINDH MEDICAL UNIVERSITY, KARACHI. TELEPHONE NO. 021-35223812-15 EXT-350, FAX 021-99201372.**
- iv. Estimated Cost: -
- v. Amount of Bid Security: **2% of the Total Bid Amount**
- vi. Period of Bid Validity (days): **90 Days**
- vii. Security Deposit / Performance Guarantee: **5% of total bidding amount for the whole agreement period**
- viii. Percentage, if any, to be deducted from bills : 5 % retention money
- ix. Deadline for Submission of Bids along with time : **27-11-2018 Till 12:00 am**
- x. Venue, Time, and Date of Bid Opening: **P&D Department, 3rd Floor, JSMU, Karachi at 12:30 on 27-11-2018**
- xi. Time for Completion from written order of commence: **3 Months**
- xii. Liquidity damages: **05%**
- xiii. Deposit Receipt No: **Date _____ Amount _____ (in words and figures)**

xiv. Eligibility Criteria:-

a.	<i>The bidder must have done at least Five (05) Contracts of relevant nature in any of last three years (Please submit copy of PO/Contract Agreement/Notification of Award / completion certificate)</i>
b.	<i>The Bidder should not have been barred by any of Provincial or Federal Govt. Deptt., Agency, Organization or autonomous body or Private sector organization anywhere in Pakistan. (Submission of undertaking on 100/- legal stamp paper).</i>
c.	<i>The bidder must have turnover/sales exceeding (5 Million) in PKR annually in any of last three years. (Submission of Audited Annual Reports or Bank statement)</i>
d.	<i>All the required documents alongwith Latest PEC, Income Tax Certificate (NTN), and SRB (wherever applicable) must be attached.</i>
e.	<i>Tender Document duly signed and stamped each page by the bidder must be attached at the end of the Technical Bid but numbering is not required for this document</i>

Conditions of Contract

Clause – 1: Commencement & Completion Dates of work. The contractor shall not enter upon or commence any portion or work except with the written authority and instructions of the Engineer-in-charge or of in subordinate-in-charge of the work. Failing such authority the contractor shall have no claim to ask for measurements of or payment for work.

The contractor shall proceed with the works with due expedition and without delay and complete the works in the time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall reckoned from the date on which the order to commence work is given to the contractor. And further to ensure good progress during the execution of the wok, contractor shall be bound, in all in which the time allowed for completion of any work exceeds one month, to achieve progress on the prorate basis.

Clause – 2: Liquidated Damages. The contractor shall pay liquidated damages to the Agency at the rate per day stated in the bidding data for each day that the completion date is later than the Intended completion date; the amount of liquidated damage paid by the contractor to the Agency shall not exceed 10 per cent of the contract price. Agency may deduct liquidated damages from payments due to the contractor. Payment of liquidated damages does not affect the contractor's liabilities.

Clause – 3: Termination of the Contract.

(A) Procuring Agency/Executive Engineer may terminate the contract if either of the following conditions exists:-

- (i) contractor causes a breach of any clause of the Contract;
- (ii) the progress of any particular portion of the work is unsatisfactory and notice of 10 days has expired;
- (iii) in the case of abandonment of the work owing to the serious illness or death of the contractor or any other cause.
- (iv) contractor can also request for termination of contract if a payment certified by the Engineer is not paid to the contractor within 60 days of the date of the submission of the bill;

(B) The Executive Engineer/Procuring Agency has power to adopt any of the following courses as may deem fit:-

- (i) to forfeit the security deposit available except conditions mentioned at A (iii) and (iv) above;
- (ii) to finalize the work by measuring the work done by the contractor.

(C) In the event of any of the above courses being adopted by the Executive Engineer/Procuring Agency, the contractor shall have:-

- (i) no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work or the performance of the contract,

- (ii) however, the contractor can claim for the work done at site duly certified by the executive engineer in writing regarding the performance of such work

and has not been paid.

Procuring Agency/Engineer may invite fresh bids for remaining work.

Clause 4: Possession of the site and claims for compensation for delay. The Engineer shall give possession of all parts of the site to the contractor. If possession of site is not given by the date stated in the contract data, no compensation shall be allowed for any delay caused in starting of the work on account of any acquisition of land, water standing in borrow pits/ compartments or in according sanction to estimates. In such case, either date of commencement will be changed or period of completion is to be extended accordingly.

Clause –5: Extension of Intended Completion Date. The Procuring Agency either at its own initiatives before the date of completion or on desire of the contractor may extend the intended completion date, if an event (which hinders the execution of contract) occurs or a variation order is issued which makes it impossible to complete the work by the intended completion date for such period as he may think necessary or proper. The decision of the Executive Engineer in this matter shall be final; where time has been extended under this or any other clause of this agreement, the date for completion of the work shall be the date fixed by the order giving the extension or by the aggregate of all such orders, made under this agreement.

When time has been extended as aforesaid, it shall continue to be the essence of the contract and all clauses of the contract shall continue to be operative during the extended period.

Clause –6: Specifications. The contractor shall execute the whole and every part of the work in the most substantial and work-man-like manner and both as regards materials and all other matters in strict accordance with the specifications lodged in the office of the Executive Engineer and initialed by the parties, the said specification being a part of the contract. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing, and instructions in writing relating to the work signed by the Engineer-in-charge and lodge in his office and to which the contractor shall be entitled to have access at such office or on the site of work for the purpose of inspection during office hours and the contractor shall, if he so requires, be entitled at his own expense to make or cause to be made copies of the specifications, and of all such designs, drawings, and instructions as aforesaid.

Clause – 7: Payments.

(A) Interim/Running Bill. A bill shall be submitted by the contractor as frequently as the progress of the work may justify for all work executed and not included in any previous bill at least once in a month and the Engineer-in-charge shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of the bill, at any time depute a subordinate to measure up the said work in the presence of the contractor or his authorized agent, whose countersignature to the measurement list will be sufficient to warrant and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

The Engineer /Procuring Agency shall pass/certify the amount to be paid to the contractor, which he considers due and payable in respect thereof, subject to deduction of security deposit, advance payment if any made to him and taxes.

All such intermediate payment shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude the Engineer-in-charge from recoveries from final bill and rectification of defects and unsatisfactory items of works pointed out to him during defect liability period.

(B) The Final Bill. A bill shall be submitted by the contractor within one month of the date fixed for the completion of the work otherwise Engineer-in-charge's certificate of the measurements and of the total amount payable for the works shall be final and binding on all parties.

Clause – 8: Reduced Rates. In cases where the items of work are not accepted as so completed, the Engineer-in-charge may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of final or on running account bills with reasons recorded in writing.

Clause – 9: Issuance of Variation and Repeat Orders.

- (A) Agency may issue a Variation Order for procurement of works, physical services from the original contractor to cover any increase or decrease in quantities, including the introduction of new work items that are either due to change of plans, design or alignment to suit actual field conditions, within the general scope and physical boundaries of the contract.
- (B) Contractor shall not perform a variation until the Procuring Agency has authorized the variation in writing subject to the limit not exceeding the contract cost by of 15% on the same conditions in all respects on which he agreed to do them in the work, and at the same rates, as are specified in the tender for the main work. The contractor has no right to claim for compensation by reason of alterations or curtailment of the work.
- (C) In case the nature of the work in the variation does not correspond with items in the Bill of Quantities, the quotation by the contractor is to be in the form of new rates for the relevant items of work, and if the Engineer-in-charge is satisfied that the rate quoted is within the rate worked out by him on detailed rate analysis, and then only he shall allow him that rate after approval from higher authority.
- (D) The time for the completion of the work shall be extended in the proportion that the additional work bear to the original contact work.
- (E) In case of quantities of work executed result the Initial Contract Price to be xceeded by more than 15%, and then Engineer can adjust the rates for those quantities causing excess the cost of contract beyond 15% after approval of Superintending Engineer.
- (F) **Repeat Order:** Any cumulative variation, beyond the 15% of initial contract amount, shall be subject of another contract to be tendered out if the works are separable from the original contract.

Clause-10: Quality Control.

- (A) **Identifying Defects:** If at any time before the security deposit is refunded to the contractor/during defect liability period mentioned in bid data, the Engineer-in-charge or his subordinate-in-charge of the work may instruct the contractor to uncover and test any part of the works which he considers may have a defect due to use of unsound materials or unskillful workmanship and the contractor has to carry out a test at his own cost irrespective of work already approved or paid.
- (B) **Correction of Defects:** The contractor shall be bound forthwith to rectify or remove and reconstruct the work so specified in whole or in part, as the case may require. The contractor shall correct the notified defect within the Defects Correction Period mentioned in notice.
- (C) **Uncorrected Defects:**
- (i) In the case of any such failure, the Engineer-in-charge shall give the contractor at least 14 days notice of his intention to use a third party to correct a defect. He may rectify or remove, and re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

(ii) If the Engineer considers that rectification/correction of a defect is not essential and it may be accepted or made use of; it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

(A) **Inspection of Operations.** The Engineer and his subordinates, shall at all reasonable times have access to the site for supervision and inspection of works under or in course of execution in pursuance of the contract and the contractor shall afford every facility for and every assistance in obtaining the right to such access.

(B) **Dates for Inspection and Testing.** The Engineer shall give the contractor reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the work shall have been given to the contractor, then he either himself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose, orders given to the contractor's duly authorized agent shall be considered to have the same force an effect as if they had been given to the contractor himself.

Clause – 12: Examination of work before covering up.

(A) No part of the works shall be covered up or put out of view/beyond the reach without giving notice of not less than five days to the Engineer whenever any such part of the works or foundations is or are ready or about to be ready for examination and the Engineer shall, without delay, unless he considers it unnecessary and advises the contractor accordingly, attend for the purpose of examining and measuring such part of the works or of examining such foundations;

(B) If any work is covered up or placed beyond the reach of measurement without such notice having been given, the same shall be uncovered at the contractor's expense, and in default thereof no payment or allowance shall be made for such work, or for the materials with which the same was executed.

Clause – 13: Risks. The contractor shall be responsible for all risks of loss of or damage to physical property or facilities or related services at the premises and of personal injury and death which arise during and in consequence of its performance of the contract. if any damage is caused while the work is in progress or become apparent within three months of the grant of the certificate of completion, final or otherwise, the contractor shall make good the same at his own expense, or in default the Engineer may cause the same to be made good by other workmen, and deduct the expenses from retention money lying with the Engineer.

Clause-14: Measures for prevention of fire and safety measures. The contractor shall not set fire to any standing jungle, trees, bush-wood or grass without a written permit from the Executive Engineer. When such permit is given, and also in all cases when destroying, cutting or uprooting trees, bush-wood, grass, etc by fire, the contractor shall take necessary measures to prevent such fire spreading to or otherwise damaging surrounding property. The contractor is responsible for the safety of all its activities including protection of the environment on and off the site. Compensation of all damage done intentionally or unintentionally on or off the site by the contractor's labour shall be paid by him.

Clause-15:Sub-contracting. The contractor shall not subcontract the whole of the works, except where otherwise provided by the contract. The contractor shall not subcontract any part of the works without the prior consent of the Engineer. Any such consent shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any subcontractor, his agents, servants or workmen as if these acts, defaults or neglects were those of the contractor, his agents' servants or workmen. The provisions of this contract shall apply to such subcontractor or his employees as if he or it were employees of the contractor.

Clause – 16: Disputes. All disputes arising in connection with the present contract, and which cannot be amicably settled between the parties, , the decision of the Superintending Engineer of the circle/officer/one grade higher to awarding authority shall be final, conclusive and binding on all

parties to the contract upon all questions relating to the meaning of the specifications, designs drawings, and instructions, hereinbefore mentioned and as to the quality of workmanship, or materials used on the work or as to any other questions, claim, right, matter, or thing whatsoever in any way arising out of, or relating to the contract design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution, of failure to execute the same, whether arising, during the progress of the work, or after the completion or abandonment thereof.

Clause –17: Site Clearance. On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (hereinafter called the Engineer in-charge) of such completion, but neither such certificate shall be given nor shall the work be considered to be complete until the contractor shall have removed all temporary structures and materials brought at site either for use or for operation facilities including cleaning debris and dirt at the site. If the contractor fails to comply with the requirements of this clause then Engineer-in-charge, may at the expense of the contractor remove and dispose of the same as he thinks fit and shall deduct the amount of all expenses so incurred from the contractor's retention money. The contractor shall have no claim in respect of any surplus materials as aforesaid except for any sum actually realized by the sale thereof.

Clause –18: Financial Assistance /Advance Payment.

(A) Mobilization advance is not allowed.

(B) Secured Advance against materials brought at site.

- (i)** Secured Advance may be permitted only against imperishable materials/quantities anticipated to be consumed/utilized on the work within a period of three months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract. The sum payable for such materials on site shall not exceed 75% of the market price of materials;
- (ii)** Recovery of Secured Advance paid to the contractor under the above provisions shall be affected from the monthly payments on actual consumption basis, but not later than period more than three months (even if unutilized).

Clause –19: Recovery as arrears of Land Revenue. Any sum due to the Government by the contractor shall be liable for recovery as arrears of Land Revenue.

Clause –20: Refund of Security Deposit/Retention Money. On completion of the whole of the works (a work should be considered as complete for the purpose of refund of security deposit to a contractor from the last date on which its final measurements are checked by a competent authority, if such check is necessary otherwise from the last date of recording the final measurements), the defects notice period has also passed and the Engineer has certified that all defects notified to the contractor before the end of this period have been corrected, the security deposit lodged by a contractor (in cash or recovered in installments from his bills) shall be refunded to him after the expiry of three months from the date on which the work is completed.

BILL OF QUANTITIES

ESTIMATE OF CONSTRUCTION FAMILY MEDICINE BLOCK NEAR MORTUARY BUILDING JINNAH SINDH MEDICAL UNIVERSITY, KARACHI					
Civil Works (A)					
Scheduled items					
S.no	Description	Qty.	Rate	Unit	Amount
1	Cement concrete plain including placing compacting, finishing & curing complete (including screening & washing at stone aggregate without shuttering. (h) Ratio 1:3:6 (S.no 5 (h) p/16)	1.9	12,595.0	%cft	23,930.50
2	Block Masonary (S.No.34/p-19)	12.7	15,771.00	%cft	200,291.7
3	Providing and fixing G.I frames P.Rft/Chou Kats of size 7"x 2" or 4 ½" x 3inch for door using 20 gauge G.I sheet l/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also I/C all carriage, tools and plants used in making and fixing. (S.no 29/p-93)	140	228.00	Rft	31,920.0
4	Preparing the surface and painting with matt finish I/C rubbing the surface with bathy (silicon carbide rubbing brick) filling the voids with zinc/chalk/plaster of Paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc.: complete. (new surface) S.no 36/p55.	18.17	1989.62	%Sft	36,151.395
5	preparing the surface and painting with weather coat l/c rubbing the surface with rubbing brick/ sand paper, filling the voids with chalk/ plaster of paris & then painting with weather coat of approved make. S. no 38 A/p56	9.5	1,328.25	%Sft	12,618.38
6	Cement plaster 1:4 upto 12' height (d) only for block masonry S.no 11 d, p52	35	3,191.76	%sft	111,711.60

7	providing & fixing 3/8"thick marble tiles of approved quality and colour and shade size 8"*4"/6"*4" in dado skirting and facing removal /tucking of existing plaster surface etc.over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of white cement over mortar base including filling the joints and washing the tiles with white cement slurry , curring finishing , cleaning and polishing etc. Complete. (i) for new works. (S.no 68/p49)	100	186.04	P.sft	18,604.00
8	Cement concrete plain including placing compacting, finishing & curing complete(including screening & washing at stone aggregate without shuttering. (h) Ratio 1:3:6 S.no 5 (h) p/16	2.9	14,429.25	%Sft	41,844.83
9	Cement concrete tiles laid flat in 1:2 cement Mortor Over 3/4" thick bed of cement mortar 1:2 (S.No 14a; pg# 41)	38	5,247.82	sft%	199,417.16
		Total Amount			676,489.56
		Add % Above/Below			
		13% SRB Tax			
		Total Amount of Schedule Items(Civil Works)			

Non-Scheduled items (Civil Works)					
S.no	Description	Qty.	Rate	Unit	Amount
1	Providing & Fixing 24" x 24" Porcelain tiles (China/ Stile or equivalent) over 3/4" thick 1:2 cement sand mortar complete in all respect (As approved by Engineer)	750		sft	
2	Providing & Fixing / Laying 10" x 20" Ceramic wall Tiles (Stile/China or Equivalent) laid with 1:2 cement sand Mortar 3/4" thick on wall complete in all respect (as approved by Engineer).	300		sft	
3	Providing & Fixing high quality Melamine Plywood (Both Sides Melamine Plywood) doors with 2" internal wooden framing , handle lock, 4" tower bolt ,screws , hinges, hardware doors stopper etc. complete in all respect.	175		sft	
4	Providing & fixing Aluminum sliding windows/ ventilator fabricated in 4" deluxe section (2-leaf + 1 fly proof leaf) with superior quality of hardware, sliding wheels,fibre flyproof , Aluminum lock, 5mm glass with gas kit complete in all respect.	95		sft	
5	Providing & fixing precast roofing system including 2" thick precast slabs & C.C Girder fixing over block masonry including wall cutting, filling/grouting with 1:2 cement sand mortar b/w the precast slabs & opening complete in all respect.(Precast system fixing arrangement as approved by Engineer)	850		sft	
6	Providing & fixing false ceiling of 24" x 24" gypsum ceiling tiles with appropriate aluminum framing including support hangers, cutting holes for service complete in all respect.	700		sft	

7	Dismantling, removal, re-erection & refixing of existing canopy & shade with complete framing including all labour for refixing & removal of canopy & material used for casting of CC foundation/pedestal including anchor bolt , base plate if required for canopy frame support & also applying to coats of oil paint over complete metal framing.	1		no	
8	P/F best quality of Fibre / fabric roller window blind in approved color and design as instructed by engineer complete in all respect with relevant accessories, etc.	80		sft	
		Total Amount			
		Total Amount of Schedule & Non Schedule Items (Civil Works) (A)			

Plumbing Works (B)					
Schedule Items					
S.No	Description	Qty.	Rate	Rate	Amount
1	Providing chambers 15" x 9" (inside dimensions)24" deep for house maters, with 4-1/2" thick burnt brick masonry walls in 1: 6 CM 6" thick C.C 1:4:8 C.M to al inside wall surface and to top1" thick C.C 1:2:4 flooring complete with cast iron hinged cover and frame 15" x 9" (inside) opening with DI cover) etc fixing in cement concrete 1:2:4 including curing excavation back filling and disposal of earth etc Complete.(S.No.4/P-20)	2	4905.67	Each	9,811.34
2	Providing and fixing in position nylon connection complete with 1/2" dia brass stop cock (S.No.23/P-6)	7	447.15	Each	3,130.05
4	P/ F European type white glazed earthen ware wash down 3 gallons plastic flushing and clamps 3/4" dia and cutting making requisite number making good in cement 1 2 4 (P-2-4)	1	5339.4	Each	5,339.40
5	S/F CP Muslim Shower With Double Bib Cock 7 Ring Pipe etc Complete (S.no 19,a/p-19)	3	3432	each	10,296.0
6	providing and fixing Squatting type white Glazed of flushing cistern with internal fitting and flush pipe with bend and making requisite numbers of holes in wall plinth and floor for pipe connections & making good in cement concrete 1 2 4 (a) W. C pan of non-less than 23" clear opening between flashing rims and 3 gallons flushing tank with 4" dia C I traps (foreign quality (S I No. 2 - A P-I)	2	5772.8	Each	11,545.6

7	Providing and fixing fixing 22" x 16 lavatory basin white glazed earthen ware complete with & l/c the cost of W.I Cantilever brackets 6" inches built into walls painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia chrome plate taps 1-1/2" rubber plug and chrome plated brass chain 1-1/4" dia malleable iron or cp brass trap small able iron or brass nion and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1 2 4 (standard patterns) S I No. 12/ p-4	4	Each	4694.8	18,779.2
8	Add extra labour for providing and Fixing of earthen ware pedestal white or coloured glazed (Standard patterns)S I No.:9/ p-3)	4	Each	938.47	3,753.88
9	S/F long bib cock of crystal head with 1/2" dia (P-13,b)	4	Each	1384.24	5,537.0
10	Providing & fixing 24"x18" Beveled Edge Mirror of Belgium glass complete with 1/8" thick hard board & c.p screws fixed to wooden pleat.	4	Each	1161.6	4,646.4
11	S/F soap try earthenware C.p screw etc complete.(S I No.5 P-8	4	Each	497.2	1,988.8
12	P/F chrome plated brass towel rail complete with brackets fixing on wooden eleats with l" long C.P brass screw 3/4" round or square (Super Quality) S I No.l (iiib)P-7)Towel rail 24"long	4	Each	972.95	3,891.8
Total Amount (B)					78,719.43
add % Above/Below					
13% SRB Tax					
Total Amount Schedule Items (Plumbing Work)					

Non schedule items					
S.no	Description	Qty.	Rate	Rate	Amount
1	Providing , fixing , jointing and testing (PPR) pipe Dadex or equivalent 3/4" dia i/c (Socket, Tee, Elbow, Bend Crossed, Reducers, plug, brass tee, brass elbow, hocks front fitting etc)Concealed in block masonry with wall cutting and making holes complete in all respect.	200		R.ft	
2	Providing and fixing 4" UPVC pipe (Pak Arab or equivalent)Schedule 40 on surface or concealed masonry/cement concrete or RCC upto required hight jointing by using solvent (AGM) or equivalent and making good with CC in curing finishing etc Complete 4" dia.	120		R.ft	
3	Providing and fixing UPVC P-Trap 4" dia of (Pak Arab or Equivalent) Schedule 40 on surface or concealed masonry /Cement concrete or RCC upto height (AGM) this rate also I/C all kind of labour, material ,cartage.	8		Each	
4	Providing and fixing UPVC Tee Elbow 4" dia of (Pak Arab or equivalents) schedule 40 on surface or concealed masonry /cement concrete or RCC upto height (AGM)this rate also I/C all kind of labour, material, cartage.	20		Each	
5	Providing and fixing UPVC Socket 4" dia of (Pak Arab or Equivalent) schedule 40 on surface or concealed masonry /cement concrete or RCC upto height(AGM) this rate also I/C all kind of labour, material, cartage.	10		Each	
6	Supply, Installation & Fixing of fiber Glass Water Tank (300) Galion Capacity of portable water tank complete in all respect (Mortar or equivalent).	1		p.sft	
		Total Amount			
		Total Amount Schedule & Non Schedule Items(B)			

ELECTRICAL WORKS (C)					
Scheduled Items					
S.no	Description	Qty.	Rate	Unit	Amount
1	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-7/.036 (4mm ²) copper conductor in 3/4" dia OVC conduit on surface. (S.4/p1)	73	200	Per Mtr.	14,600.00
2	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 2-7/.044 (6mm ²) copper conductor in 1" dia PVC conduit on surface.(s.5/p1)	25	305	Per Mtr.	7,625.00
3	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 3-7/.064 (10mm ²) copper conductor in 1" dia PVC conduit on surface.(S.21/P03)	20	892	Per Mtr.	17,840.00
4	Wiring for light or fan point with 3/.029 PVC Insulated wire in 20mm (3/4") channel Patti on surface as required.(S.129/P15)	25	910	per Point	22,750.00
5	Providing & Fixing circuit breaker 6,10,15,20,30,40,50 &63amp SP (TB-5S) on prepared board as required.(S.203/P31)	12	916	Per no	10,992.00
6	Providing & Fixing Brass Bakelite ceiling rose with two terminals.(S.228P/P33)	25	72	Per no	1,800.00
7	Providing & Fixing Brass Ceiling fan 56" (good quality)(S.235/P34)	6	3185	Per no	19,110.00
8	Providing & Fixing Brass Bracket fan 18" (good quality)(S.236/P34)	5	2791	Per no	13,955.00

		Total	108,672.00
		Add % Above/below	
		13% SRB tax	
		Total Amount of Schedule Items	

Non Scheduled Items Part					
S.no	Description	Qty.	Rate	Unit	Amount
1	Providing & Fixing LED down Light 4" Concealed / Surface type philips or equivalent 14watt watt 220 volt cool white complete in all respect	4		Each	
2	Providing & Fixing 2' x 2' LED false ceiling light Philips or Equivalent with necessary connecting complete in all respect.	12		Each	
3	Providing & Fixing Double Multi Board with Back Box (orange or equivalent) including necessary circuit wiring complete in all respect.	20		Each	
5	Providing & Fixing Exhaust Fan 12" Royal, GFC or Equivalent with wooden framing electric connection complete in all respect.	3		Each	
6	Providing & Fixing And Commissioning 2 Gang Sheet 10 Ampere (Clipsal or equivalent) are as approved by Engineer.	2		Each	
7	Providing & Fixing 10 Gang electric sheet with back box including Dimmer ,Socket & Switch. Orange, Schneider or equivalent as approved by Engineer.	5		Each	
8	Providing & Fixing LED Double Tube light 40watt i/c necessary electric connection and fixing on wall or ceiling complete in all respect.	3		Each	
9	Providing & Fixing 15" x 18" DB Panel Box including R,Y,B Phase Indicator, Digital Volt Meter, Main electric Panel & fixing of breakers and circuit wiring Complete in all respect.	1		Each	
Summary of Cost		Amount (C)			
		Total Amount Schedule & Non Schedule Items part (C) Electrical Works			
		Total of (A) Civil Works			
		Total of (B) Plumbing works			

	Total of Amount(A+B+C) Inclusive all taxes (WHT ,SRB Tax all other applicable taxes)	
--	--	--

Technical Specification

CONSTRUCTION OF FAMILY MEDICINE BLOCK NEAR MORTUARY BUILDING JINNAH SINDH MEDICAL UNIVERSITY KARACHI

Civil Works:

- 1. Block Masonry:** CC (Cement Concrete Block) block masonry must be 7" thick for Load bearing walls and 6" for internal partition walls. CC block must be casted in 1:3:6 cement sand & aggregate ratio with compressive strength of 1800psi properly cured without damages.
- 2. Cement:** For all sort of civil works OPC must be used (Falcon, Lucky, Pakland or equivalent)
- 3. Porcelain Floor Tile:** 24"x24" Porcelain tile of Grade A must be used in floor tiling work including similar skirting. (Manufacture China/ Stile / Master or equivalent)
- 4. Wall Tiles:** 10"x20" ceramic glazed wall tiles of Grade A must be used for wall tile work (Manufacture China/ Stile / Master or equivalent)
- 5. Paint:** Gobis/Diamond/Nippon or equivalent paint must be used for each type of paint work.

Plumbing Works:

- 1. Sanitary Items:** All sanitary items must be Royal Ceramics/Durr or equivalent. Sanitary Ware as approved by Engineer.
- 2. Plumbing Items:** All UPVC pipe for sewerage must be of good quality (Pak Arab/ Steelex/Pak Jeddah or equivalent.) For Water supply PPRC pipe must be used with good quality of Brass end fittings (Dadex/Master/Amco or equivalent)

Electrical Works:

- 1. Cable/Wiring:** All cables /wiring must be 100% copper based with pvc insulation (Pakistan cables/Universal/Million Supreme Fayyaz or equivalent)
- 2. Circuit Breaker:** Imported type Circuit breaker must be used (Schneider/Heiker/terasaki or equivalent)
- 3. Electric Switch & Multi socket Board:** All electric switches board /sheet must be of good quality (Aqua/Sogo/Orange or equivalent). All Multi socket must be of good quality (Orange/Clipsal/Aqua or equivalent)

SAMPLE FORMS

Form-I

Letter of Acceptance

Date: _____

To:

Consultant P&D/Procurement Department,
Jinnah Sindh Medical University,
Karachi,

Dear Sir:

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the required item in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

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

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to Five (5) percent of the Contract Price/Pay order for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Bid for a period of 15 days from the date fixed for Bid opening under Clause 10 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

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

Dated this _____ day of _____ 2015_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Price Schedule in Pak. Rupees

Name of Bidder _____ IFB Number _____ Page of _____

1	2	3	4	5		6	7
Item	Description	Country of origin	Quantity	Unit price		Total	Remarks (if any)
				<u>Words</u>	<u>Figure</u>		

Total Bid amount in words: _____

Total Bid amount in figure: _____

Signature of Bidder _____

Note:

- (i) In case of discrepancy between unit price and total, the unit price shall prevail.
- (ii) The unit and total prices Delivered at Planning & Development Department, Jinnah Sindh Medical University Karachi should include the price of incidental services. No separate payment shall be made for the incidental services.

Contract Form

THIS AGREEMENT made the ____ day of _____ 20____ between *Jinnah Sindh Medical University, Karachi*. (Hereinafter called "the Procuring agency") of the one part and [*name of Supplier*] of [*city and country of Supplier*] (hereinafter called "the Supplier") of the other part:

WHEREAS the Procuring agency invited bids for certain goods and ancillary services, viz.,

_____ and has accepted a bid by the Supplier for the supply of those goods and services in the sum of [*contract price in words and figures*] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

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

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

Performance Security Form

To:

**P&D/Procurement Department
Jinnah Sindh Medical University,
Karachi.**

WHEREAS *[name of Supplier]*(hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[Reference number of the contract]* dated _____ 2018_____ to supply *[description of goods and services]* (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

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

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

Signature and seal of the Guarantors

[Name of bank or financial institution]

[Address]

[Date]

Manufacturer's Authorization Form

To:

**P&D/Procurement Department
Jinnah Sindh Medical University,
Karachi.**

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

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently sign the Contract with you against NIT No. *[reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

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