

**LIAQUAT UNIVERSITY
OF
MEDICAL & HEALTH SCIENCES JAMSHORO
ISO 9001:2008 CERTIFIED**



FINANCIAL PROPOSAL

FOR

**Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony
Jamshoro.**

Document Issued to: _____

NO/PD/LUMHS/_____ DATED: _____

**Office of the Director Works & Services
(Engineering Wing) LUMHS Jamshoro**



LIAQUAT UNIVERSITY

OF MEDICAL & HEALTH SCIENCES, JAMSHORO, SINDH – PAKISTAN

URL: www.lumhs.edu.pk

Tele: # 92-22-9213331. Fax: # +92-22-9213332

DIRECTOR WORKS & SERVICES

INVITATION FOR BIDS

1. The Liaquat University of Medical & Health Sciences Jamshoro Invites sealed bids from eligible bidders for the Following Works.

S/No	Name of work	Estimated Cost (Rs.)	Earnest Money 5% of Tender Cost	Tender Fee	Time for Completion
1)	Rehabilitation and Renovation of existing Professor Bunglow No 3 at LUMHS Colony Jamshoro.	2.00 (Million)	(2% of Bid Amount)	3000	03 Months

2. **Eligibility:** Valid Registration with Federal Board of Revenue (FBR) for Income tax, Registration with Sindh Revenue Board (SRB), & Pakistan Engineering Council in relevant C-6 category and CE 10 discipline (if applicable).

- Minimum 05 years experience along with Documentary evidence of works executed /works in progress.
- Amount of Annual Turnover Last Three Years along with Certificate of Bank showing credit worthiness along with current Bank Statement.
- Undertaking of Affidavit that the firm is not involved in any litigation of abandoned any work in the Department.
- Affidavit to the effect that the firm/supplier have not been black listed previously by any executing agency.

3. **Method of Procurement.** *Single Stage Single Envelope.*

4. Bidding/Tender Documents:

- Issuance:** Documents will be issued from 2nd January, 2023 to 17th January, 2023.
- Submission:** Last date will be 17th January, 2023 up to 11:00 a.m.
- Opening:** will be opened on 18th January, 2023 at 11:30 a.m.
- Place** of issuance, submission, inquiries and opening will be: -
Office of the Deputy Director Works & Services LUMHS Jamshoro:-
Telephone Number(s): 022-9213331
Fax Number: 022-9213332

- (v) **Un-responded tenders** will be again issued/ submitted/ opened on following dates:-

2nd Attempt^t : (a) Issue date.

(b) Submission date:

Opening date:

19-01-2023

07-02-2023 up to 11:30 am

07-02-2023 up to 12:00 pm

6. **Bid validity Period:** - (90) days.

7. Terms & Conditions.

The Contract documents and other terms & conditions can be seen and blank tenders obtained from the office of the undersigned on payment of cost of tenders for each work (Nonrefundable) through pay order in favour of Vice Chancellor LUMHS, Jamshoro on any working day from 2nd^{January}, 2023. Tender documents will be uploaded on SPPRA/LUMHS website w.e.f 2nd^{January}, 2023. The Bids will be opened on the date as mentioned above at 11:30 a.m. in the presence of bidders or their authorized representative who wish to attend.

Earnest money in the shape of bank draft/pay order in the name of Vice Chancellor LUMHS, Jamshoro must be attached with the bid documents.

The procurement agency reserves the right to accept or reject any or all technically & financial bids as per SPPRA rules.

D.A./ AS ABOVE

Director
& Services Department
LUMHS, Jamshoro
Works

C.C. for information to:

- **The P.S to Vice Chancellor LUMHS, Jamshoro.**
- **The Registrar, LUMHS, Jamshoro.**
- **The Director Finance, LUMHS, Jamshoro.**
- **Sindh Public Procurement Regulatory Authority, Barrack 8 Secretariat 4A Court Road Karachi Tel: 92-21-99205369 for hoisting on SPPRA's website.**
- **The Director I.T for hosting on LUMHS website.**
- **Notice Board.**

Instructions to Bidders/ Procuring Agencies.

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.

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).

- (a) Name of Procuring Agency:** Liaquat University of Medical & Health Sciences, Jamshoro
- (b) Brief Description of Works:** Rehabilitation and Renovation of existing Professor Bunglow No 3 at LUMHS Colony Jamshoro.
- (c). Procuring Agency's address:** -Office of the Director Works & Service (Engineering Wing) LUMHS Jamshoro

Telephone No.022-9213331

Fax # 0229213332

Email:-

- (d). Estimated Cost: - Rs. 2.0 Million**
- (e). Amount of Bid Security: - (2% of bid amount)**
- (f) Period of Bid Validity (days):- 90 Days**
- (g) Security Deposit :- (including bid security): - 10% (2 % of bid amount) & 8 % security deposit, cost equal to 10%)**
- (h). Percentage, if any, to be deducted from bills: - 8% security Deposit.**

(i). Deadline for Submission of Bids along with time: -As per NIT

(j). Venue, Time, and Date of Bid Opening:- As per NIT

(k). Time for Completion from written order of commence: - 03 (Three Months)

(L) Liquidity damages:- (0.05 of Estimated Cost or Bid cost per day of delay, but total not exceeding 10%).

(m). Deposit Receipt No: Date: Amount :(in words and figures)
(Executive Engineer/Authority issuing bidding document)

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 work, 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 exceeded 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.

Clause – 11:

- (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 incharge) 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

Contractor Director Works & Services /Procuring Agency

SCHEDULE-B

**Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS
Colony Jamshoro**

PART A CIVIL WORKS (SCHEDULED ITEMS)

BOQ's Item #	CSR-2012 Item/Page	Description	Unit	Quantity	CSR Rate (RS.)	Amount (RS.)
	Scheduled Items	-				
1	Item#33(A) Page#13	Removing door with chowkat	P. Nos	2.00	142.18	284.36
2	Item#33 Page#13	b Removing Window and sky light with chowkat	P. Nos	2.00	102.85	205.70
3	Item#33 Page#13	b Removing Ventilator with chowkat	P. Nos	2.00	51.43	102.86
4	Item#19 Page#11	c Dismantling cement concrete plain 1:2:4	% Cft	55.87	3327.50	1858.93
5	Item#53 Page# 15	Removing Cement or lime plaster	% Sft	3974.45	121.00	4809.09
6	Item#19 Page#11	c Dismantling reinforced cement concrete separating reinforcement from concrete cleaning and straightening the same	% Cft	5.94	5445.00	323.43
7	Item#5(i)d Page#24	Pacca brick work in ground floor in: (Specs. 21.1) Cement sand mortar (1:6).				
	(A	Ground Floor	% Cft	8.14	12674.36	1032
8	Item#11(c) Page#57	a) Cement plaster 1:6 up to 20' height. (Specs.25.1-25.6) 1/2" thick	% Sft	3974.45	3015.76	119859.99
9	Item#11(c) Page#57	a) Cement plaster 1:4 up to 20' height. (Specs.25.1-25.6) 3/8" thick	% Sft	3974.45	2197.52	87339.42
10	Item#29 Page#72	Providing and fixing G.I frames /Choukhats of size 7" x 2" or 4 1/2" x 3" for door using 20-gauge G.I sheet I/c welded hinges and fixing at site with necessary holdfasts, filling with cement sand slurry of ratio 1:6 and	P.Sft	34.00	228.90	7782.60

		repairing the jambs. The cost also i/c all carriage, tools and plants used in making and fixing.				
11	Item#29 Page#72	Providing and fixing G.I frames /Choukhats of size 7" x 2" or 4 1/2" x 3" for windows using 20-gauge G.I sheet I/c welded hinges and fixing at site with necessary holdfasts, 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.	P.Sft	82.00	240.50	19721.00
12	Item#5 Page#17(f)	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (Specs. 20.1) a) Ratio 1:2:4	% Cft	53.79	14429.25	7760.86
13	Item#24(c) Page#59	Distempering (Three Coats).	%Sft	2454.63	1079.65	26501.42
14	Item#43 Page#61	Distempering (Three Coats). Walls	%Sft	9536.79	1079.65	102963.90
17	Item#7© Page#70	Painting old surface paintings of doors and windows	%Sft	1740.74	2116.00	36834.06
18	Item#60 Page#65	Providing and fixing with sunk iron screws wooden Architrave approved design/ shape having width not less than 2- 1/2 inches as directed by Engineer Incharge.	Prft	446.00	49.97	22286.62
		TOTAL (Civil Work Scheduled Items)				439666
			Below	Above		
		G. TOTAL (Civil Work Scheduled Items)				

SCHEDULE=B**Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony
Jamshoro****PART B CIVIL WORKS (NON-SCHEDULED ITEMS)**

BOQ's Item #	CSR-2012 Item/Page	Descriptions	Unit	Quantity	Unit Rate (RS.)	Amount (RS.)
	Non-Scheduled	<u>Part B Non Schedule Items</u>				
1		Provide Fixing Porcelain Tiles 16"x16" x 3/8 " thick of superior quality master or equivalent (laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing. (a) Floor	P.Sft	415.31		
		a) Skirting	P.Sft	59.25		
2	NSI	Providing fixing colored Glazed tile 18" x 12" x 1/4" / 10"x 13"x1/4"thick or approved size and color, shade laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing. (for walls & floor) as approved and directed by Engineer Incharge (Prime Quality Master/ Shabir make or equivalent)	P.Sft	835.57		
3	Non Schedule Items	Repairing and Refixing of old door shutter of Deodar wood paneled Door including brass handles, tower bolt, cord with hoods, cost brass screws nails. Rate includes scraping old paint cleaning properly with sand paper etc. complete in all respect s per instruction and approved by engineer incharge.	P.Sft.	483		
4	Non Schedule Items	Repairing and Refixing old window shutter of Deodar wood window including brass, handles, tower bolt, cord with hoods, cost brass screws nails. Rate includes scraping old paint cleaning properly with sand paper and oil paint 3 coats complete in all respect s per instruction and approved by engineer incharge.	P.Sft	350.37		
5	Non Schedule Items	Provide Fixing Marble Slab 3/4" thick of approved size and shape and superior quality laid over 1:2 cement sand mortar 3/4" thick including making golas ,finishing and polishing etc Complete	P.Sft	24		
		Total (RS.)				

SCHEDULE-B

Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony Jamshoro

PART C WATER SUPPLY & SANITARY FITTING WORKS (SCHEDULED ITEMS)

1	Item#5 Page#2	Providing and Fixing European type white glazed earthen ware wash down wc pan complete with i/c cost of white / color plastic seat (best quality and lid with cp brass hinges best quality and buffers 3 gallon white glazed earthen ware low level flushing cistern with siphon fittings 1-1/2"dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls plinth and floor for pipe connections and making good in cement concrete 1:2:4 foreign quality	Each	4.00	11477.40	45910
2	Item#10 Page#3	Providing fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of WI or CI 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 rubber plug & chrome plated brass chain 1-1/4" dia malleable iron or brass unions and making requisite number of holes in walls plinth and floor for pipe connections and making good in concrete 1:2:4	Each	4.00	4928.00	19712
3	Item#11 Page#3	Add extra for labor for providing and fixing of earthen ware pedestal white or colored glazed	Each	4.00	2533.47	10134
4	Item#12 b Page#18	Supplying fixing concealed tee stopcock of SQ with cp head 1/2 dia	Each	24.00	889.46	21347
5	Item#13b Page#19	Supplying fixing long bibcock of crystal head with 1/2 dia	Each	4.00	1384.24	5537
6	Item#19a Page#19	Supplying fixing cp Muslim shower with double bibcock and ring pipe etc complete	Each	4.00	3432.00	13728
7	Item#14 b Page#19	Supplying fixing Wash basin mixture of superior quality with cp head 1/2"dia	Each	4.00	3179.00	12716
GRAND TOTAL (Electrical Scheduled Items) (Rs.)						129,083
Above /below						
GRAND TOTAL (Electrical Scheduled Items) (Rs.)						

SCHEDULE-B

Rehabilitation & Renovation of Existing Professor Bunglow No 3 at LUMHS Colony Jamshoro

PART D WATER SUPPLY AND SANITARY FITTING (NON SCHEDULED ITEMS)

1	N.S.I.	Providing & fixing Floor Trap 6" x 3" or 6" x 2" of approved quality i/c the cost of cutting of floor etc. complete in all respect as directed by Engineer Incharge	Each	12.00		
2	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Plain Bend / Elbow of 45 degree i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" x 4" dia	Each	12.00		
3	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Plain Bend / Elbow of 90 degree i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" x 4" dia	Each	6.00		
4	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Y - Tee of any degree i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" x 4" x 4" dia	Each	2.00		
5	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" Dia	P.Rft	120.00		
6	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Socket i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" Dia	Each	2.00		
7	N.S.I.	Providing & fixing upvc PPR Pipe including tees bends elbows sockets etc.				
A	N.S.I.	3/4" Dia	P.Rft	160.00		
B	N.S.I.	1-1/2 Dia	P.Rft	200.00		

8	N.S.I.	Making and Constructing manhole for the requirement size of 2' x 2' and 3'-6' depth of walls of B B in cement mortar 1:3,cement plastered 1:3, 1/2 " thick inside of walls and 1 "(25 mm) thick over benching and channel i/c fixing R.C.C. cover of clear opening 2'.5" x 2'.5" and walls duly painted from outside etc complete as per specification and drawing I/S 2' X 2' X 3.5	Each	3.00		
9	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Plain Tee i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" x 4" x 4" dia	Each	4.00		
10	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Plug Bend / Elbow of any degree i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" x 4" dia	Each	4.00		
11	N.S.I.	Providing & fixing un plasticized polyvinyl chloride (UPVC) of approved quality Plug Tee i/c the cost of cutting / breaking walls, floor or where required etc. complete in all respect as per directions of Engineer Incharge 4" x 4" x 4" dia	Each	4.00		
12	N.S.I.	Providing & fixing Handle valves of approved quality etc. complete in all respect as directed by Engineer Incharge				
	N.S.I.	½" Dia	Each	1.00		
	N.S.I.	¾" Dia	Each	4.00		
	N.S.I.	1-1/2" Dia	Each	4.00		
13	N.S.I.	Providing & fixing stainless steel Kitchen sink of 20 gauge of approved make. The sink will be fitted in cabinet etc. complete in all respect as directed by Engineer Incharge	Each	1.00		
14	N.S.I.	Providing & fixing stainless steel floor drain with (16 gauge) stainless steel Grating 5" dia of approved quality etc. complete in all respect as directed by Engineer Incharge	Each	10.00		
Sub Total Cost						

Schedule-B

Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony Jamshoro

PART E ELECTRICAL WORKS (SCHEDULED ITEMS)

1	Item#10 Page#2	Providing and laying (Main or sub main), PVC insulated with size 2-7/.29 copper conductor in 3/4"dia PVC conduit recessed in the wall as required.	P meter	150.00	222.00	33300
2	Item#12 Page#2	Providing and laying (Main or sub main), PVC insulated with size 2-7/.044 copper conductor in 3/4"dia PVC conduit recessed in the wall as required.	Per meter	150.00	341.00	51150
3	Item#232 Page#33	Providing & Fixing Brass batten holder.	Each	20.00	70.00	1400
4	Item#228 Page#33	Providing & fixing Bakelite ceiling rose with two terminals	Each	22.00	72.00	1584
5	Item#124 Page#15	Wiring for light or fan point with 1/1.13(3/.029(PVC) insulated wire in 25mm(3/4")PVC conduit recessed in the wall or column as required	per point	82.00	1130.00	92660
GRAND TOTAL (Electrical Scheduled Items) (Rs.)						180,094
Above/ Below						
GRAND TOTAL (Electrical Scheduled Items) (Rs.)						

Schedule -B

Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony Jamshoro

PART F ELECTRICAL WORKS (NON- SCHEDULED ITEMS)

1		S/F Switches & Sockets sheet fancy type having provision 1 to 8 holes i/c PVC board complete. Approved by Engineer Incharge.	Each	15.00		
2		Providing and fixing Universal multipurpose fancy type 15 amps with PVC board etc. complete as approved by Engineer Incharge	Each	12.00		
3		Providing & Fixing Dimmer / Ceiling fan regulator on Existing board recessed in the walls or columns and covered etc. complete	Each	8.00		
4		<p>Providing and fixing Distribution board 16 SWG MS sheet with appropriate size angle iron frame (Clipsal) the Panel has suitable sheet steel cover with buietent lock arrangement The panel shall be applied with Red Oxide base paint first and the finally finished in enamel spray phase 4 wire 50 cycle A/C system comprising the following</p> <p>Income 2 No. 100 Amp Tp</p> <p>Outgoing 20 No. 30 Amp S.P Breaker Pilot light (3 No.) All circuit breaker & T.Ps Hager Terasaki Japan</p>	Each	1.00		
5		Providing and fixing Jumbo holder of approved quality and make	Each	20.00		
6		Providing and fixing Zero Bulb of approved quality and make	Each	10.00		
GRAND TOTAL (Electrical Non Scheduled Items) (Rs.)						

Schedule -B

Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony Jamshoro

PART G DIFFERENCE OF MATERIAL

1		Cement	Each	56.00	650.00	36400.00
2		Bricks	%0Nos	110.00	6000.00	660.00
3		Hill sand	%Cft	309.00	761.00	2351.49
4		Stone Bajri	%Cft	58.00	1725.00	1000.50
5		European Type wc	Each	4.00	3600.00	14400.00
GRAND TOTAL (Electrical Non Scheduled Items) (Rs.)						54,812

ABSTRACT OF COST

Rehabilitation & Renovation of Existing Professor Bunglow No3 at LUMHS Colony Jamshoro

Sr · #	DESCRIPTION	COST (RS.)	
1	Total Tender Cost of Civil Works		
	Part A civil works Scheduled Items	=	
	Part B Civil Works (Non-Scheduled Items)		
2	Total Tender Cost of Public Health Works		
	(Plumbing/Sanitation, Water Supply, Sewerage etc.)		
	Part C Water Supply and Sanitary Fitting (Non Schedule Items)	=	
	Part D Water Supply and Sanitary Fitting (Non Schedule Items)	=	
3	Total Tender Cost of Electrical Works		
	Part E Electrical Works (Scheduled Items)	=	
	Part F Electrical Works (Non- Scheduled Items)	=	
4	Total Tender Cost of Difference of Material		
	NET TOTAL		
	Add 13% SRB		
5	Total Tender Cost (RS.)	=	
	SAY (RS.)	=	

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the —Agreement ||) made on the ____ day of _____ 200 ____ between _____ (hereinafter called the —Procuring Agency ||) of the one part and _____ (hereinafter called the —Contractor ||) of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz _____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

- In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
- The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - The Letter of Acceptance;
 - The completed Form of Bid along with Schedules to Bid;
 - Conditions of Contract & Contract Data;
 - The priced Schedule of Prices/Bill of quantities (BoQ);
 - The Specifications; and
 - The Drawings
- In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
- The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

Signature of the Contactor	Signature of the Procuring Agency
<p data-bbox="305 281 386 319">(Seal)</p> <p data-bbox="305 394 842 464">Signed, Sealed and Delivered in the presence of:</p>	<p data-bbox="976 281 1057 319">(Seal)</p>
<p data-bbox="305 514 418 552">Witness:</p>	<p data-bbox="976 514 1089 552">Witness:</p>
<p data-bbox="305 632 784 646">_____</p>	<p data-bbox="976 632 1455 646">_____</p>
<p data-bbox="305 703 646 735">(Name, Title and Address)</p>	<p data-bbox="976 703 1317 735">(Name, Title and Address)</p>