

**COMPLETE REPORT REGARDING EVALUATION / INSPECTION OF EXISTING
ELECTRICAL WIRING AND DISTRIBUTION (LT & HT) PANEL OF ALL BUILDING
FIC, DOCTOR HOSTEL AND NURSING HOSTEL AND TO PUT UP ANY
IMPROVEMENT / CHANGES ALONGWITH COST ESTIMATE.**

Tender price Rs. 2000/- (Non Refundable)

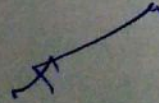
Earnest Money 2% of total amount in form of CDR.

Schedule for invitation of tender

Firm Name	
Selling date up to	15.02.2023
Opening date	16.02.2023
Time of Tender receiving	Up to 16.02.2023 till 11:00 AM
Date & Time of Opening	16.02.2023 at 11:30 AM

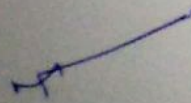
Note:

1. Contracting firm is required to conduct a thorough visit of premises and furnish a complete report at subject cited above.
2. Firm should be registered from P&D department.
3. Rates quoted in bids will be for services and submission of findings.
4. No advance payment will be made. Payment will be subjected to submission of final report.
5. Offers not fulfilling tender inquiry shall straightway be ignored.
6. Offer shall remain valid for 90 days from the date of opening of tender.
7. No quoting firm would be allowed to withdraw its offer during the validity period or after awarded of contract / rate contract.
8. In case the offer is withdraw, amended or revised during the validity period of the offer, the earnest money is liable to be forfeited.
9. The contractors shall write a quoted amount in words (both numeric & alphabetically).
Amount of the firm in percentage will not be considered, otherwise , the tender document will be considered cancelled.
10. Only computer typed bids will be acceptable hand written bids will be rejected straightway.
11. Technical & Financial bids will be submitted separately.
12. The bid should be according to PPRA Rules.
13. Bid forms can be downloaded from F.I.C website.


Medial Superintendent
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1	<p>Any offer not received as per terms and conditions of the tender enquiry is liable to be ignored. No offer shall be considered if.</p> <ul style="list-style-type: none">• Received without earnest money.• If received after the time and date fixed for its receipt.• Unsigned tender will not be entertained.• If offer is ambiguous• Conditional offer will not be considered.• The offer will not be entertained from a firm, blacklisted from Health Department (Purchase cell), C&W Department of any Government Department / Institution.• The firm will submit under taking on stamp paper worth to Rs. 100/-• The offer is received by fax.• Offer received with shorter validity than required in the tender enquiry.
2	The purchaser / client department is the Faisalabad Institute of Cardiology
3	The contracting form shall be responsible to complete all works, & their accessories (complete in all respects)
4	The quoted cost should be inclusive of all taxes such as Income tax and PST etc. Payable to the Government.
5	The material, machines, equipment & spare parts, required for the said work (if needed) shall be at the cost of the contacting firm.
6	The Tenderer shall furnish complete information and particulars as specified in the invitation of advertised tender.
7	In case the contacting firm fails to complete of the above mentioned work within the stipulated period the work order would be cancelled unless there is prior extension in period by the competent authority.
8	The person signing the tender on behalf of the tenderer must specify his authority, that is to say, whether he signs as the Sole Proprietor, Active Managing Partner, Managing Director, Acting Director, Manager, Secretary.
9	The contractor will pay the cost of any repair/ replacement of damage done to any part of building during the execution of work.
10	The firm will submit a detailed account of its past experience.
11	The firm will submit Staff member list and detail of education and experience.
12	The firm will submit Bank Statement of at least 03 years showing its strong financial standings should have at least.
13	The firm will submit 10 years past experience.
14	The firm will submit NTN Number.
15	The firm should register with Pakistan Engineering Council as a consultant for above said job.
16	The firm will submit work shop status.
17	The firm will submit List of Tools available.


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SCOPE FOR LT/HT BE AS FOLLOWS

LT & HT Panels / Panel Rooms

- Physical inspection of LT & HT panels as per international codes.
- Review of bus coupler functioning/ interlocking.
- Review of cable termination.
- Review of Existing Single Line Diagrams.

Verification of building installations

- Review of building installations electrical wiring.
- RCD testing etc.

Main Distribution Boards / Panels

- Detailed Physical inspection of distribution boards based on National Electrical Code & Standards.
- Recommendations against indentified gaps.
- Review of wiring connections.

Earthing System

- Review of earthing system including physical inspection.
- Measurement of individual Earth Pit Resistance.

Testing of single phase sockets in Buildings/Floors

- Single phase socket testing should be performed on sample basis to indentify any wiring problems such as phase – neutral reversal, absence of earthing conductor etc.

IR Testing of Main Power Cables.

- Measurement of insulation Resistance for critical load power cables from main Panel to area feeding main Distribution board. main incoming power cable should be tested.
- Verification of Maximum running load on main incoming power cables.

Thermography of electrical switchgear

- Thermography of LT Panels, DB's to indentify excessive heating problem if any.

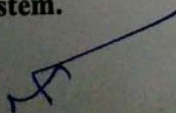
Tagging scheme / test records

- Review of tagging scheme.
- Lock out Tag out procedure review.
- Review of test record system.
- Review of work permit system.

Review of electrical safety signage

- Danger Notices/ warning signs.
- Notices for Arc Flash Warning Labels.

Cost estimation in case of up-gradation/replacement/addition of above said system.


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