

**INTERNAL ELECTRICAL WORK FOR
2A, 2B & 4C TYPE QUARTERS**

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(Quaid-e-Awam University of Engineering Science & Technology)



Available on

QUEST website (www.quest.edu.pk)

&

SPPRA website (www.sppra.org.pk)

Incharge Project Director-I

Administration Block

Quaid-e-Awam University of Engineering Science & Technology

Nawabshah, Sindh Pakistan



**QUAID-E-AWAM UNIVERSITY
OF ENGINEERING SCIENCE & TECHNOLOGY NAWABSHAH.**

Directorate of Project

Phone (0244) 9370396 (0244) 9370381 -5 Ext. 2504

No. QUEST/NH/PD-I/250

of 2020

Dated: 16.10.2020

NOTICE INVITING TENDER

Quaid e-Awam University of Engineering, Science & Technology, Nawabshah invites sealed tender on composite rates from interested contractor / firms.

Sr.	Name of Work	Tender Fee	Completion period	Requirement
1	Internal Electrical work of 2A, 2B & 4C type Quarters at Residency Colony, QUEST Nawabshah.	Rs.2,000/-	02 Months	NTN, SRB & Electrical Inspector License of concerned region is mandatory.

Eligibility: Having registration of NTN, SRB & Electrical Inspector license of concerned region is mandatory.

Qualification:

- List of Similar assignment over the past three years.
- List of litigation (if any) nature and status / outcomes.
- Affidavit that firm has never been black listed.
- Any addition or deletion can be made by procuring agency.

Method of Procurement: Single Stage - Single Envelop

Bidding / Tender Document:

- Issuance:** Document will be issued from 20.10.2020 to 03.11.2020 on payment of tender fee Rs. 2000/- (Non refundable) in the shape of D.D. / Pay order in the favor of Director Finance QUEST Nawabshah.
- Amount of Bid Security:** 5% at the time of bid submission.
- Submission:** Date of submission 04.11.2020 11:00 A.M
- Opening:** Tender will be opened on 04.11.2020 at 12:00 Noon
- Place:** Address: Office of Incharge Project Director-I, Administration Block at QUEST, Nawabshah Telephone: 0244 9370396 Ext. 2504
- Un-responded Tenders will be again issued / submitted / opened on following dates.
2nd Attempt) Issue date 05-11-2020 to 19.11.2020 Submission & Opening 20 11-2020 time will remain same

Terms & Conditions:

Under following conditions tender will be rejected.

- Conditional, electronic and telegraphic bids / tenders.
- Bids not accompanied by the bid security of required amount and form.
- Bid received after specified date and time.
- Black listed firms.
- In case the applicant not fulfills SPPRA Rules-2010 (Amended 2019) or aforesaid conditions, the applications for issuance of bidding document will not be entertained.
- In case of any disturbance or busy schedule of any committee member, the tenders will be opened on next working day. The venue and time will remain same for 1st and 2nd attempt.
- Advertisement can be seen on QUEST website (www.quest.edu.pk), SPPRA (PPMS) website.
- The Competent Authority reserves the rights to reject any or all the tenders in accordance with SPPRA Rules 2010 (Amended 2019).

In charge Project Director-I
QUEST, Nawabshah

Instructions to Bidders

The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

Instructions to Bidders

Clause Reference

1.1 Name and address of the procuring agency: Quaid-e-Awam University of Engineering Science & Technology, Nawabshah.

Name of the Project and Summary of the works:

Internal Electrical Work for 2A, 2B & 4C type Quarters at Residency Colony QUEST, Nawabshah.

1. Name of the Funding Agency/Funding Source; **HEC**

2. Time limit for clarification: **05 days.**

3. Bid language: **English**

4. Prequalification Information to be updated (where applicable): **N/A**

5. *Bidders to quote entirely in Pak. rupees*

6. Period of Bid Validity: **60 days.**

7. Amount of Bid Security: **5%**

8. Venue, time, and date of the pre-Bid meeting:

Office of the Project Director–I, Administration Block at QUEST, Nawabshah

a) Date of purchasing of bids from: **20.10.2020 to 03.11.2020 (1st attempt)**

b) Date of purchasing of bids from: **05.11.2020 to 19.11.2020 (2nd attempt)**

c) Deadline for submission of bids: **04.11.2020 time up to 11:00 A.M (1st attempt)**

d) Deadline for submission of bids: **20-11-2020 time up to 11:00 A.M (2nd attempt)**

e) Venue, time, and date of bid opening: **Office of the Project Director - I, Admin Block QUEST, Nawabshah, 04-11-2020 @ 12.00 Noon (1st attempt) The time only for 2nd Attempt will be same and date as mentioned above.**

9. Stamp duty **0.35%** or notified by the Govt. of Sindh, will be paid by successful bidder as stamp duty.

BIDDING DATA

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

(a). Name of Procuring Agency: QUEST, Nawabshah.

(b). Brief Description of Works:

(Internal Electrical Work for 2A, 2B & 4C type Quarters at Residency Colony)

(c). Procuring Agency's address: Office of the Project Director-I, Administration Block at QUEST, NawabShah

(d). Estimated Cost: _____

(e). Amount of Bid Security: 5%

(f). Period of Bid Validity (days):- (60 Days).

(g). Security Deposit: 5%

(h). Percentage, if any, to be deducted from bills:- _____

(i). Deadline for Submission of Bids along with time: 04.11.2020 time up to 11:00 am
(1st attempt)

(j). Venue, Time, and Date of Bid Opening: - _

(a) Deadline for submission & opening of bids: 04.11.2020 time up to 11:00 A.M (1st attempt)

(b) Deadline for submission of bids: 20-11-2020 time up to 11:00 A.M (2nd attempt)

Venue: Office of the Project Director - I, Admin Block QUEST, Nawabshah

(k). Time for Completion from written order of commence: - 60 Days

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

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 prorata 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 do 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 exits:-

(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 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. (NA)**

- (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

Executive Engineer/Procuring Agency

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

ATTACHED SEPARATELY WITH THIS DOCUMENT AT THE END

QUAID-E-AWAM UNIVERSITY OF ENGINEERING SCIENCE & TECHNOLOGY,
NAWABSHAH OF ENGINEERING & TECHNOLOGY, NAWABSHAH

SCHEDULE - B

SUMMARY OF COST FOR
INTERNAL ELECTRICAL WORKS OF
QUARTERS TYPE 2A, 2B & 4C
QUEST, NAWABSHAH

S.No.	Section	Description		Amount (Rs.)
1.	A	<i>Internal Electrification</i>	Rs.	
2.	B	<i>Light fittings and Fixtures</i>	Rs.	
3.	C	<i>Distribution Boards & Main Cable</i>	Rs.	
Total Cost			Rs.	

Note: Quoted Amount Should be Inclusive of all Applicable Taxes (i.e Income Tax, Sindh Sales Tax, General Sales Tax etc. as the Case may be.

**Executive Engineer /
Procuring Agency**

Contractor

INTERNAL ELECTRICAL WORKS OF

QUARTERS TYPE 2A, 2B & 4C

QUEST, NAWABSHAH

Section "A" Internal Electrification

Sr. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
Schedule Items					
1.	Supply & Wiring for Main or Sub-Main with 3-2.5mmsq. (3-7/.029) S/C, PVC insulated, Cu cables in 3/4" dia PVC conduit recessed in the wall or collumn as required. Complete in all respect with all accessories for Lighting Circuit . (SI#24 Page # 04)	477	Mtrs.	294.00	140,238.00
2.	Supply & Wiring for Main or Sub-Main with 3-4mmsq. (3-7/.036) S/C, PVC insulated, Cu cables in 3/4" dia PVC conduit recessed in the wall or collumn as required. Complete in all respect with all accessories for Light Plugs and Power Circuit. (SI#25 Page # 04)	240	Mtrs.	338.00	81,120.00
3.	Supply & Wiring for light or fan point with 2-1.5mmsq. (2-3/.029) PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or collumn as required. Complete in all respect with all accessories (SI#124 Page # 15)	210	Nos.	1,130.00	237,300.00
4.	Providing & fixing one way, S.P., 5A flush type Switch on a given prepared board. Complete in all respect with all accessories including back-box and face-plate. (SI# 219 Page#33)	240	Nos.	54.00	12,960.00
5.	Providing and fixing of flush type, three pin, 5 Amps, S.P., plug socket, switch and shoe unit. Complete in all respect with all accessories including face-plate and back-box. (SI # 226 Page # 33)	60	Nos.	151.00	9,060.00
6.	Providing, fixing and connecting of flush type, 3 pin, 10/15A, S.P., plug socket, switch and shoe unit. Complete in all respect with all accessories including face-plate and back-box. (SI # 227 Page # 33)	18	Nos.	162.00	2,916.00
Note:					
For any Variation arising between the above stated BOQ items and its respective Schedule Rate items (as per Government of Sindh), the same is to be adjusted accordingly in the "Premium on Schedule Rate".					
TOTAL			(Rs.)		483,594.00
PREMIUM ON S.I _____ % Above / Below			(Rs.)	-	
TOTAL COST OF SECTION "A"			(Rs.)		

Contractor

**Executive Engineer /
Procuring Agency**

Section "B" Light Fittings & Fixtures					
Sr. No.	ITEM DESCRIPTION	QTY	UNI T	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)

1.	Providing, installing, fixing and connecting of following light fixtures, complete with all internal connections and all fixing and mounting accessories. Jobs include rod and wiring as given in drawing.				
1.1	Philips make or equivalent light fitting with 1x19 W LED Rod, complete in respect with all accessories, fitting and fixtures.	18	Nos.		
1.2	Philips make or equivalent Surface-Mounted Down lighter with 1x12W LED lamp complete with all accessories, fitting and fixtures. To be approved by Client.	28	Nos.		
1.3	Philips make or equivalent Surface-Mounted Down lighter with 1x8W LED lamp complete with all accessories, fitting and fixtures. To be approved by Client.	16	Nos		
1.4	Fancy Wall bracket light fixture with 1x18 W LED Saver. To be approved by Client.	52	Nos.		
1.5	Philips make or equivalent Bulk Head light fixture in planter with 1x23 W LED lamp. To be approved by Client.	30	Nos		
1.6	Philips make or equivalent Fancy Gate light fixture. To be approved by Client.	4	Nos		
2.	Providing, installing and connecting of following fans:				
2.1	Millat make or equivalent 56" sweep ceiling fan complete with fan dimmer, canopy, down rod, etc. including fixing of fan dimmers and making holes on both sides of down rod and wiring it with 1.5mm ² twin core., 450/750V grade PVC/PVC + 1-1.5mm ² ECC cable, etc. and also providing of 16mm dia mild steel fan hook on RCC roof or beam as required, complete in all respects with all accessories.	28	Nos.		
2.2	Millat make or equivalent 18" Wall Bracket fan, complete in all respect with all accessories including repairing good the damages.	10	Nos.		
2.3	Millat make or equivalent 12" sweep exhaust fan, complete with capacitors including making of hole in wall to accommodate the fan & repairing good the damages.	24	Nos.		
	TOTAL COST OF SECTION "B"		(Rs.)		

Contractor

**Executive Engineer /
Procuring Agency**

Distribution Boards & Feeders "C" Section					
Sr. No.	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs)	TOTAL AMOUNT (Rs)
1	<p>Providing, installing, connecting & commissioning of the following Distribution Boards (DBs) fabricated of 14 SWG steel clad, cubical design with hinged door cover, wall (recessed) mounted, factory assembled, suitable for 1 phase, 220 volts, 50 Hz A.C. Power Supply complete with copper cable lugs, glands, neutral link, earth block, terminal block etc., & having following configurations. (All equipment rated to 5 kA short circuit rating and 50°C ambient temperature at 415V). Panel enclosure to comply with IP-44.</p> <p><u>LPDB - GROUND FLOOR</u></p> <p><i>Short Circuit Rating 7.5kA (Ics) @ 220V</i></p> <p><i>Incoming</i></p> <p>1 - 63 A, T.P., M.C.C.B</p> <p><i>Outgoing</i></p> <p>14 - 10 A, S.P., M.C.C.B.s</p> <p>06 - 15 A, S.P., M.C.C.B.s</p>	8	Nos.		
2	Providing & fixing of PVC wire 7/0.64 ,2Core overhead Aluminium as incoming main supply from nearest LT pole.	700	Mtr.		
3	Providing & fixing of electronic energy meter, 40Amp single phase 4 wire water proof meter complete HESCO standard.	8	Nos.		
	TOTAL COST OF SECTION "C"		(Rs.)		

Contractor

**Executive Engineer /
Procuring Agency**