

Punjab Tianjin University of Technology, Lahore (PTUT)



Bidding Documents

for Repair of residence at Raiwind Road Campus

Bid Reference No:	PTUT/PC/08/2023-24
Package Name:	For Repair of residence at Raiwind Road Campus
Procurement Procedure & Method:	Single Stage Two Envelope
Bid Opening Venue:	Conference Room PTUT
Last date and time for obtaining of bid documents	15-05-2024, 10:00 A.M.
Last date and time for submission of bid documents	15-05-2024, 11:00 A.M.
Opening of Bid Documents	15-05-2024, 11:30 A.M.

CHECK LIST FOR SUBMISSION OF APPLICATION (MANDATORY REQUIREMENTS)

(please mark ✓ / or X in relevant boxes)

- | | |
|---|--------------------------|
| 1. Detail of company profile/ Firm/ Contractor etc. Profile | <input type="checkbox"/> |
| 2. Original CDR/Earnest Money /Deposit at call attached with Technical Bid.
(Amounting to Rs. 155,656/-) | <input type="checkbox"/> |
| 3. Original Tender fee Amounting Rs. 2,000/- | <input type="checkbox"/> |
| 4. Affidavit on stamp paper Rs: 300/- | <input type="checkbox"/> |
| 5. Copy of active Registration (Professional Tax Certificate). | <input type="checkbox"/> |
| 6. Copy of National Tax No. | <input type="checkbox"/> |
| 7. Quoting complete items with compliance to the specifications as of Form-II | <input type="checkbox"/> |
| 8. Price offer on Bidder's letter head as of Financial Evaluation Criteria. | <input type="checkbox"/> |
| 9. Active Tax Payer List (ATL) | <input type="checkbox"/> |
| 10. Provincial Sales Tax Number | <input type="checkbox"/> |
| 11. Integrity Pact | <input type="checkbox"/> |
| 12. PRA | <input type="checkbox"/> |
| 13. PEC Registration in C-6 Category or above | <input type="checkbox"/> |

It is mandatory to fulfill above stated requirements for all bidders. Any bidder not fulfilling above criteria will be considered as non-responsive bidder and will not be taken into consideration for Technical and Financial Evaluation. However, the technically qualified bidder with lowest rates will be awarded the work order (subject to fulfillment of all required conditions of bidding document & PPRA Rules, 2014).

TENDER NOTICE

REPAIR OF RESIDENCE AT RAIWIND ROAD CAMPUS FOR PUNJAB TIANJIN UNIVERSITY OF TECHNOLOGY, LAHORE (PTUT).

The Punjab Tianjin University of Technology (PTUT), Lahore intends to tender “Repair of residence at Raiwind Road Campus” from a well reputed and well-equipped company for Repair of residence at Raiwind Road Campus.

Interested firms must obtain the signed copy of the bidding document from the office of Project Director (Building and Works), 1st Floor Room No. 120, of university, from 09:00 a.m. to 04:00 p.m. (Monday to Friday) after depositing the Tender Fee of Rs. 2,000/- (non-refundable) at BOP, Township (College Road) Branch, Lahore A/c No. 6580064981000010. The Bidding Document is available on websites www.ptut.edu.pk and www.ppra.punjab.gov.pk for information only.

Last date and time for obtaining of bid documents 15-05-2024 at 10:00 A.M. The sealed bids complete in all respect as detailed in bidding documents must reach in the office of Project Director (Building and Works) on or before 15-05-2024 at 11:00 A.M. The proposal will be opened on 15-05-2024 at 11:30 A.M. in the presence of the bidders or their representatives who make them present.

**Project Director
Punjab Tianjin University of Technology, Lahore
Ph. 042-99332570**

AFFIDAVIT (Stamp paper of Rs: 100/-)

We do hereby confirm that we have carefully read the requirements and instructions of this bidding document and all the terms & conditions of Repair of residence at Raiwind Road Campus of university we also do hereby confirm as follows:

1. That, M/s__ shall abide by all the instructions/conditions of the bidding documents and in addition the other conditions and PTUT rules and regulations, all other special instructions given time to time and enforced PPRA Rules.
2. That, M/s_is not blacklisted by any Government/ Semi-Government Department/ Agency/ Autonomous Bodies in any part of Pakistan.
3. That the information given in the application form and bidding documents is correct. In case any of this information is proved incorrect, PTUT reserves the right to reject the bid beside forfeiting the Bid Security and may initiate suitable legal action which may include blacklisting of the Bidder.

Name: _____

Signature: _____

Designation: _____

Stamp: _____

Instructions for the Bidders / TOR's

1. PTUT, Lahore invites sealed bids from Company/ Organization registered. Income Tax, NTN/ Sales Tax/ PST etc. Registration Certificates must be provided and should have proven record of execution of work to large government / semi government and other organizations etc. (to be verified by the clients). Company/ Organization should attach valid copies of certificates issued by relevant departments. Bids must be submitted in a sealed envelope clearly marked " Repair of residence at Raiwind Road Campus" for the university latest by 15-05-2024on or before 11:00 A.M. in the office of ProjectDirector (Building and works) 1st Floor Room No. 120, of PTUT Lahore.
2. Bidding shall be conducted through Open Competitive Bidding **Single Stage Two Envelope** procedures as per Rule No. 38(i) of PPRA Rules, 2014, and is open to all eligible bidders as defined in the bidding document.
3. The bidding procedure shall be Single Stage Two Envelopes as per Rule No. 38 (a) of PPRA Rules, 2014. The bidder shall seal the original Technical and Financial bid (separately sealed) into a single envelope. The Bidder shall seal the bid in envelopes, duly marking the envelopes as "Technical" & "Financial". And the single sealed envelope should be clearly marked "Tender for Repair works at Raiwind Residences" for The Punjab Tianjin University of Technology" Lahore. The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late". No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security
4. The bidders are requested to give their best and final prices as no negotiations are permissible as per PPRA Rules and regulations
5. Proposal submitted must contain company profile, list of present/ past clients, proof of company as legal entity, Affidavit indicating that the company has never been blacklisted by any government/semi government or other organizations etc.
6. Price quoted shall remain valid for a period of 90 days from the closing date of bid submitted. However, bidders are encouraged to extend the validity of their bid (if required). The rates quoted should be in Pak rupee (PKR) and inclusive of all applicable government taxes.
7. The Bid submitted must be accompanied by Bid Security @ 2% of estimated cost Amounting to Rs. 155,656/- (Refundable)in the shape of CDR/ Pay Order/Demand Draft from a Scheduled Bank in favor of Punjab Tianjin University of Technology, Lahore. Bids submitted without CDR / Pay Order/ Demand Draft will not be considered and rejected straight away.
8. Bid Security of unsuccessful bidders shall be refunded on the finalization of the contract / tender.
9. Bid security of successful bidder shall be refunded on provision of 10% performance guarantee and signing of agreement within 10 days after the issuance of work order.
10. PTUT will not be responsible for any costs or expenses incurred by bidders in connecting with the preparation or delivery of bids.

11. PTUT shall not pay any security deposit or advance payment.
12. The Bidder will be fully responsible in case of misconduct caused by the company personnel/ supply/ installation/ repair works.
13. If two or more bidders quoted equal rate in bid, then the contract will be awarded to the one gaining higher qualification in the Mandatory requirements
14. Contract will be made between PTUT and company on judicial paper of 0.25% of Contract value that will be provided by the successful bidder.
15. The lowest responsive/ evaluated bid shall be accepted.
16. Violations to the instruction of the bidding documents will lead to a penalty of up to 10% of the Contract Value. Delayed delivery will lead to fine @ 0.05% per day or up to a maximum of 10% of the contract value. All fines and penalties will be deducted by the PTUT from the payments of the Company.
17. Bidder/ Contractor shall be responsible for all the taxes/ duties/ transportation charges required to be paid under relevant law.
18. In case bidder desires to quote higher specification, the same should be provided in the respective column of the form of bid against the specific item. The Bidder should quote only one brand/ model/ make of each item.
19. In case items quoted by the bidder are of higher or better specification, that are duly verified by the technical evaluation committee of PTUT, his/ her bid will be treated responsive.
20. PTUT can verify any or all documents/ information submitted by the bidder. In case of bogus documents and wrong information the same would not be considered for evaluation and the bid will be rejected. PTUT reserves the rights of imposing penalty as per clause 16 of this document.
21. The Procurement Committee shall have the right to inspect and/ or test the goods to confirm their conformity with respect to specifications mentioned in the work Order.
22. Should any inspected or tested goods fail to conform to the specifications, PTUT shall reject them, and bidder shall replace the rejected goods at its own cost.
23. The Earnest Money/CDR shall be returned to the technically disqualified Bidders with their unopened/ sealed financial bid.
24. If the acceptance of tender issued during the validity period of the tender is not accepted by the bidder, the Earnest Money/CDR shall be forfeited
25. In case the offer is withdrawn, amended or revised during the validity period during the tender

process, the Earnest Money/CDR/Performance money shall be forfeited.

26. In case, the bidder fails to execute the contract strictly in accordance with the terms and conditions laid down in the contract, the Performance guarantee deposited by the bidder shall be forfeited.
27. PTUT will get the Item / repair work inspected at PTUT, Lahore premises and reject the Item/works, if not found according to the given specifications.
28. Completion period will be one months (30 days) from the date of issue of work order. Suppliers may however, quote their best delivery period.
29. PTUT reserves the right at the time of award of contract to increase or decrease the quantity of works.
30. In case of any material is found in non-conformity to the specifications provided in the tender, either on account of inferior quality, defective workmanship, faulty design; or is short execution of work, wrongly executed, the contractor is bound to replace such material free of charge or pay the full cost of replacement.
31. Grievance (if any) against the tendering process shall be entertained up to 10 days after announcement of lowest bidder over PPRA. Any grievance received after this duration shall not stand valid/entertained.
32. Defect Liability period for this project is 06 Months and 10% Security/Performance Guarantee will be returned after 06 months of completion of work.
33. Interim payment can be made on request of contractor not less than 25% of work awarded.
34. No price escalation/adjustment/mobilization advance/secured advance is applicable
35. JV is not allowed
36. Engineer in charge may ask contractor to conduct test on site/ Lab test to ensure quality at site at the cost of the contractor.
37. The Contractor shall be responsible for pumps, electrical power, water and electrical distribution systems, and sewerage system including all fittings, pipes and other items necessary for servicing the Contractor's Repair works & construction camp (If any).
38. Following Clauses of SBD Template of Punjab PPRA are part of this document. (IB4, IB5,IB6,IB9,IB11.1,IB 12.2,12.3,IB 15.2,15.3, 15.4,15.5,15.6,IB.16, IB21, IB 23.1,23.5,23.7, 23.8, 23.10, IB 24.1,IB 27.1, 27.2, IB30.1, IB 31.1, 31.2, IB 34, BD-1 Appendix-D, BOQ-A-1,2,3,4,5&6, BL-1,BS-1, PS-1,Part-I General conditions item 1.5,4.1,8.1,8.2 ,12.1, 13.1,15.1,16.1 ,16.2, 19.1,20.1,20.2,20.4, 22.1,22.2, 22.3, 23.1 ,23.3,26.1,27.1,28.1 ,28.2,29.1, 30.1, 30.2,30.3,31.1,32.1, 33.1,34.1, 35.1,36.1,36.2, 37.1, 37.2, 37.3, 37.4, 38.1, 38.2, 39.1, 39.2, 40.1,41.1, 42.1,42.3, 44.1, 45.1, 46.1, 49.2, 49.3, 49.4, 50.1, 51.1, 51.2, 52.1, 53.1,53.2,54.1, 54.2, 55.1,57.1, 58.3, 59.3, 63.1, 63.2, 64.1, 65.1, 65.2,65.4, 65.6, 65.7, 66.1, 68.3, 69.2, Part-II, Special Conditions item 5.1, 19.3, 19.4, 34.2, 34.3, 34.4, 34.5, 34.6, 347, 34.8,34.9, 34.10, 34.11, 36.6 , 73.1, 74.1, 76.1, 78.1
39. Engineer authority to issue variation in scope or amount of work is Upto 4.5% without approval.

Rejection/ Acceptance of the Tender

The Client shall have the right, at its exclusive discretion to reject any or all tender(s), cancel the Tendering process at any time prior to award of formal work order, without assigning any reason or any obligation to inform the Bidder of the grounds for the Client's action, and without thereby incurring any liability to the Bidder and the decision of the Client shall be final.

The Tender shall be rejected if any of the following occurs:

- i. It is substantially non-responsive
- ii. Received without original bid security attached with technical bid
- iii. Received after the time and date fixed for its receipt
- iv. The offer is ambiguous
- v. The offer is received by fax or e-mail
- vi. The offer is from a black listed firm
- vii. Offer received with shorter validity than required
- viii. The offer is not conforming to requirements indicated in the tender documents
- ix. Any conditional offer
- x. It is submitted in other than prescribed forms, documents / by other than specified mode; or it is incomplete, un-sealed, un-signed, partial, conditional, alternative, and late; or it is subjected to interlineations / cuttings / corrections / erasures / overwriting.
- xi. The Bidder submits more than one Tenders;
- xii. The Bidder refuses to accept the corrected Total Tender Price; or The Bidder has a conflict of interest with the Client.
- xiii. The client has the right to forfeit the CDR in case the bidder violates any instructions to bidders of this document.
- xiv. The bid security will be forfeited, in case of withdrawal of bid after opening of bids

BIDDING FORMS

BID SUBMISSION FORM

Date: _____
No: _____

To,
[Client Address]

Having examined the bidding documents including, the receipt of which is hereby duly acknowledged, we, the undersigned, offer for, “Repair of residence at Raiwind Road Campus for PTUT” in conformity with the said bidding documents.

We undertake, if our Bid is accepted, to deliver the services in accordance with the delivery schedule specified.

In case our bid is accepted, we will obtain and submit the CDR to the client in a sum equivalent to 10% of the contract price for the due performance of the contract, in the form prescribed by the client.

We agree to abide by this Bid for a period up to 90 days fixed for Bid opening 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 _____ 2024.

[Signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of Company

Bid Submission Form on the letter head of the firm

[Location, Date]

To

Project Director B&W,
PTUT Lahore.

Dear Sir,

We, the undersigned, offer to provide the _____ in accordance with your request for proposal / bidding documents and our attached Financial Proposal is for the sum of (insert amount in words and figures).

Our proposal shall be binding upon us up to expiration of the validity period of the Proposal.

We also declare that the Government of Pakistan / Punjab has not declared us or any Sub-Contractors for any part of the Contract, ineligible on charges of engaging in corrupt, fraudulent, collusive, or coercive practices. We, furthermore, pledge not to indulge in such practices in competing for or in executing the Contract and are aware of the relevant provisions of the bidding Document.

Authorized Signature

Name and Designation of Signatory

Name of Firm and Address

TECHNICAL BID EVALUATION CRITERIA

Sr. No.	Description	Allocated Marks	Total Marks
1	Company Profile, Experience & International Certifications if any.		
i.	List of tools/Equipment/machinery owned by the Company	10	
ii.	Relevant Experience Similar assignments / supplies over last 05 years. <ul style="list-style-type: none"> • Five (5) mark for one (1) similar experience Work Order / Purchase orders / supply orders / completion certificates must be attached, otherwise, no marks shall be awarded.	10	
iii.	General Experience Experience under construction contracts/Supply order/ Purchase order in the role of contractor, subcontractor, or management contractor or supplier. <ul style="list-style-type: none"> • Five (5) mark for one (1) general experience Work Order / Purchase orders / supply orders / completion certificates must be attached, otherwise, no marks shall be awarded.	10	
iv.	Value of Projects Capital Cost of similar projects / Supplies completed over last 05 years If the total value is equal to or more than the value of current project i.e. PKR 7 million <ul style="list-style-type: none"> • Five (5) mark for one (1) similar project Work Order / Purchase orders / supply orders / completion certificates must be attached, otherwise, no marks shall be awarded.	10	
2	Financial Position		
i.	Annual Turnover (last 01 years) (Audit Report) If the annual turnover indicated in audit report/tax return of last one years is equal or above PKR 7 Million then maximum allocated marks may be awarded. If turnover during last three years is up to PKR 03 Million <i>then</i> 5 marks If turnover during last three years is equal to above 07 million PKR then 10 Marks Audit statement of last three financial years must be attached, otherwise, no marks shall be awarded.	10	
ii.	Tax Return Active Tax Payer for Financial Year 2023-2024	05	
iii.	Bank Balance / Credit Limit If bank balance / credit limit up-to 30 th June,2023 is equal to or more than estimate of current purchase, full marks may be	05	

	awarded. Otherwise, the marks may be awarded as: <u>Closing Balance or Credit Limit</u> x 05 Estimate of Current Purchase		
3.	Human Resource		
i.	Total HR strength of firm / company (Payroll of April 2024 mandatory) If employees on payroll more than 05 than 05 marks If employees on payroll more than 10 than 10 marks If employees on payroll more than 20 than 20 marks	20	
ii.	List of Technical Staff • Technical staff having Bachelor / Masters degree / Technical Qualification. If employees on payroll more than 02 than 04 marks If employees on payroll more than 04 than 08 marks If employees on payroll more than 05 than 10 marks	10	
4.	Offices / infrastructure		
	e.g.: List of offices at each city= 05 mark Required details are as under: - Complete address, ownership / rent agreement, years of office established on the same place. In case of missing information, no mark may be awarded.	10	
		Total	100
Only the Bids securing minimum 60% marks would be declared technically accepted and the bidders who do not obtain 60 marks as per above mentioned evaluation criteria will be considered as technically non- responsive bidders and will not be taken into consideration for Financial Evaluation.			

Price Schedule / Financial Cost Sheet/ Financial Bid Form
Must be filled separately on the letterhead of the firm

(Part of Bid Envelope)

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer repair works of the following items in conformity with the below mentioned required specification as per the following price at the places mentioned against each item.

S/N	Description	Unit	No	Quantity	Pak Rupees	Total Price Without GST/ PST
					Unit Price without GST / PST	
			A	B	C	D
1						
2						
					Sub Total	
					(E) = GST / PST On Sub Total of (D) @	
					GRAND TOTAL X = (D+E)	

Grand Total in figures (Inclusive of all types of applicable Taxes)

Grand Total in words (Inclusive of all types of applicable Taxes)

NOTE: Please read carefully before filling of above-mentioned columns.

- i. Missing or Incomplete filling of all the subject columns of this Financial Proposal will not be considered and should result in disqualification.
- ii. Financial Proposal evaluation will be conducted under the Punjab Procurement Rules 2014 (Amended till date). The Price evaluation will include all duties, taxes and expenses etc. In case of any exemption of duties and taxes made by the Government in favor of the University, the contractor shall be bound to adjust the same in the Financial Proposal.
- iii. The quantity of items can be increased/ decreased and the cost of increase/ decrease will be adjusted accordingly.
- iv. Change in taxes imposed by government of the Punjab, after the bid opening shall be adjusted by both parties.
- v. Prices quoted by the bidder shall remain fixed and valid until completion of the Contract performance and will not be subject to variation on account of escalation.
- vi. Unit Price will govern for arithmetic check and corresponding Grand Total” X” after arithmetic check will determine lowest bidder.
- vii. If there is discrepancy between words and figures the small amount will prevail.
- viii. Bidder must quote for all items
- ix. Financial Evaluation will be carried out on lowest total of all items. Work award will be issued to the lowest evaluated bidder in grand total amount from the qualified bidders.

The Contract / Completion of Work duration shall be maximum 30 days, starting from the date of issuance of work order.

Date: _____

Place: _____

Authorized Signature

(In full and initials)

Name and Designation of Signatory

Name of Firm and Address

(Seal & Signature of Company)

Note: No cutting or overwriting is allowed. Any cutting or overwriting may lead to rejection of the financial bid.

GENERAL PARTICULARS OF APPLYING FIRM

Firms' Information	
Name of Firm/ Company	
Complete Postal Address	
Phone Number	
Contact Person/ Designation	
Mobile Number	
E-Mail Address	
Fax Number	
Type of Organization	
Place of Incorporation/ Registration	
Year of Incorporation /Registration	
Validity	
National Tax Number	

General Terms and Conditions

1. Inspection of Items

The procuring agency may reject the delivered items which fail to conform to the technical specification, in any tests or inspection and the contractor shall replace the rejected goods/ items within prescribed time provided by the PTUT, free of cost. The inspection or tests shall be conducted at the premises of the PTUT. Where conducted at the premises of the contractor, the contractor shall provide all-reasonable facilities and assistance, which may include access to drawing, production data and online verification from official web site of the manufacturer, to the inspectors, at no charge to the procuring agency. The University's post-delivery right to inspect, test and, where necessary, reject the goods shall in no way be limited or waived by reason of pre-delivery inspection, testing, or passing of the goods

2. Currency:

Firm and final rates should be in Pak Rupees.

3. Delivery, Installation & Commissioning

The contractor is responsible for delivery, installation, commission & repair work as per work order at its own risk and cost within 30 days of issuance of work order. In case of poor response/ coordination from the field formations regarding delivery, installation, commission & repair work the contractor is required to inform to Project Director (B&W) office of university in writing for the solution of the same

4. Arbitration

In case arising of any dispute between the procuring agency and the contractor after the work order, the dispute should be resolved through the representatives of both parties otherwise the decision of Vice Chancellor will prevail over the version of both parties.

5. Blacklisting

The procuring agency may, for a specified period, debar or prohibit the contractor from participating in any public procurement process of the procuring agency, if the bidder or contractor has:

- (a) Acted in a manner detrimental to the public interest or good practices.
- (b) Consistently failed to perform his obligation under the contract.
- (c) Not performed the contract up to the mark; or
- (d) Indulged in any sort of corrupt practice.

Blacklisting mechanism will be followed as per Punjab Procurement Rules 2014 (amended till date)

6. Termination for Default:

The Procurement Committee without prejudice to any other remedy for breach of Contract, by written notice of default sent to the bidder, may terminate this Contract in whole or in part if:

1. The bidder fails to provide services within the period(s) specified in the Contract, or within any extension thereof granted by the Vice Chancellor.
2. The successful bidder fails to execute as per specifications mentioned in the bid.
3. The successful bidder fails to perform any other obligation(s) under the Contract.

4. The bidder, in the judgment of the Procurement Committee has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

7. Force Majeure:

Majeure means an act of nature or an event beyond the control of the Contractor and not involving the Contractor's fault or negligence directly or indirectly purporting to mis-planning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Contractor shall promptly notify the Procuring Agency in writing with enough and valid evidence of such condition and the cause thereof. The Grievances Committee shall examine the pros and cons of the case and all reasonable alternative means for completion of work order under the Contract and shall submit its recommendations to the Vice chancellor. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

8. Termination for Insolvency:

The Procuring Agency may at any time terminate the Contract by giving written notice of 30 days' time to the contractor if the contractor becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the contractor, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

9. Acceptance of tender

As per provisions of Rule (55) of Punjab Procurement Rules, the University shall issue the work order to the successful bidder, at least after 10 days of announcement of bid evaluation reports (Ref. Rule-37 of PPRA Rules) and prior to the expiry of the original validity period or extended validity period of the Tender. The successful Bidder must submit performance guarantee @ 10% of the final contract amount, along with letter of acceptance and sign formal contract on stamp paper within 10 days after the issuance work order. Bid Security of successful bidder will be released on receipt of performance guarantee. The Performance guarantee will be released after 01 month of completion of all Repair works, performance period as per contract agreement.

10. Repeat Order

The contractor may provide Item/ Work on repeat order (15% of the original procurement order) under the provision of Punjab Procurement Rules 2014, if asked for.

11. Comprehensive Warranty/ After Sale Service

Bidders must provide one-year free comprehensive onsite warranty, which must include labor, parts replacement, and any sort of other related service. Warranty period will be started after completion of scope of work.

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN
CONTRACTS WORTH RS. 10.00 MILLION OR MORE**

Contract No. _____ Dated _____

Contract Value: _____

Contract Title: _____

..... [Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of the Punjab (GoPb) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoPb through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoPb, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoPb and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoPb under any law, contract or other instrument, be voidable at the option of GoPb.

Notwithstanding any rights and remedies exercised by GoPb in this regard, [name of Supplier] agrees to indemnify GoPb for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoPb in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoPb.

Name of Employer:

Name of Contractor:

Signature:

Signature:

[Seal]

[Seal]

(CONTRACT AGREEMENT)

DRAFT FORM FOR AWARD OF CONTRACT

Package Ref No. _____

This agreement is made in the presence of the witnesses named below on this _____ day and _____ month of 2024 at _____ between Punjab Tianjin University of Technology, Lahore (PTUT) (hereinafter called “the University”) and M/s. _____. (Here in after called “the Contractor”). Whereas the University invited bids for Repair of residence at Raiwind Road Campus.

_____ and has accepted a bid by the Contractor for the Repair of residence at Raiwind Road Campus _____ in the sum of Rs: (Rupees only) [contract price in words and figures] (hereinafter called “the Contract Price”).

Now this agreement witnesses as follow:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the bid document referred to.
 2. The following documents shall be deemed to form and be read and construed as part of this agreement, viz., the:
 - (a) Invitation to bid as publicized/ advertised by the University.
 - (b) Bidding document as bought from the University.
 - (c) Specifications of items
 - (d) Form of Bid
 - (e) Undertaking submitted by the bidders along with the bid papers.
 - (f) work order for said work etc.
 - (g) General conditions regarding procurement as given in the bidding documents and
 - (h) This contract agreement as executed between the University and the Contractor.
 - (i) The Bid Security and the Performance Guarantee
 3. Contractor is responsible for all ordered items at the PTUT without any extra cost.
 4. Contractor is responsible for replacement of defective items (if any) at his cost.
 5. The University will make the full/ partial payment after successful inspection/ Completion.
 6. Contractor will do repair works of the ordered items within 30 days from the date of the work order. If required, the contractor can request to the University, by providing proper justification, to extend the delivery period.
 7. University will release the Security/Performance money after 06 Months from the date of completion of work.
 8. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
 9. The Employer 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
 10. All disputes or differences between the parties in connections with or arising out of this agreement shall be settled through arbitration in accordance with the provisions of Punjab Procurement Rules 2014 through the representators of both parties otherwise the decision of Vice Chancellor will prevail over the version of both parties.
- In witness whereof, the parties have hereinto set their respective hands and seals the day and the year hereinto before set forth.

University/ PTUT:

1. Name: _____ Designation: _____ Signatory: _____

2. Name: _____ Designation: _____ Signatory: _____

Contractor/ _____ :

1 Name: _____ Designation: _____ Signatory: _____

2 Name: _____ Designation: _____ Signatory: _____

WITNESS:

1. Name: _____ Designation: _____ Signatory: _____

2. Name: _____ Designation: _____ Signatory: _____

Items Specification and Quantities Required

Residence (C-TYPE) (Qty: 2 No Residence)
Below mentioned Qty is for 01 Residence

S/N	Description	Unit	No	Qty
	Civil Works			
1	Scraping:- a) White wash or Colour Wash.	per 100 Sq Ft	1.0	8,490
2	Priming coat of chalk under distemper	per 100 Sq Ft	1.0	8,490
3	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect	per 100 Sq Ft	1.0	8,490
4	Distemping:- a) Old surface b) Two coats Quality approved by engineer in-charge	per 100 Sq Ft	1.0	8,490
5	Preparing surface and painting with emulsion paint:- a) first coat	per 100 Sq Ft	1.0	1,066
6	Preparing surface and painting with emulsion paint:- a) 2nd and each subsequent coat	per 100 Sq Ft	1.0	1,066
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect b) old surface:	per 100 Sq Ft	1.0	4,330
8	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond ,over 3/4" thick(1;2) cements and plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	sft	1.0	652
9	Dismantling glazed or encaustic tiles, etc	100 Sft.	1.0	652
10	Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick	per 100 Sq Ft	1.0	100
11	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C Cement plaster 3/8" (10 mm) thick under soffit of R.C.C b) 1:3	per 100 Sq Ft	1.0	100

Plumbing Works				
12	<p>Providing and fixing CP bath Room Set made of Sonex/ Master/ Faisal comprising of 3-NoTee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge</p> <p>(i) 3 No Tee Stop Cock (set) (ii) Lever Type Basin Mixer (iii) Double Bib Cock (iv) Open Type Wall Shower (v) Muslim shower (vi) Waste Coupling (vii) Bottle Trap</p>	each	1.0	2
13	<p>Providing and fixing, waste pipe of PVC</p> <p>ii) 4 cm (1½")</p>	each	1.0	3
14	<p>Providing and Fixing of SS304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.</p> <p>ii) 6" dia</p>	each	1.0	3
15	<p>Providing, fixing, testing and commissioning of μ-PVC(Unplasticized Polyvinyl Chloride)sewerage pipe make of Dadex/Popular/ Beta or equivalent, plain/socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio)including the cost of special sand Solvents complete in all respect as approved and directed by the Engineer Incharge</p> <p>Type (SDR 34/SN-8) 6" dia 150mm</p>	PER RFT	1.0	13
16	<p>Providing, fixing, testing and commissioning of μ-PVC(Unplasticized Polyvinyl Chloride)Nikasi/SWV pipe, Dadex/Popular/Betaorequivalent, plain/Bell Ended/Z-Joints conforming to BS4514/BS5255EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings&specifications and/or as approved and directed by the Engineer Incharge. Type (SDR 32.5/SN-8)(v)4"(110 mm)</p>	rft	1.0	13
17	<p>Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc white, with pedestal</p>	each	1.0	1
18	<p>Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete.</p> <p>White</p>	each	1.0	2
19	<p>Providing and fitting one piece European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (fullsize) i/c the cost of CP/rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge</p>	each	1.0	1

20	Providing and fixing, chromium plated soap dish	each	1.0	2
21	Providing and fixing, chromium plated towel rail:- i) 60 cm (24") long, and 2 cm (¾") dia.	each	1.0	2
22	Providing and fixing looking glass 55x40 cm (22"x16") size	each	1.0	2
23	Providing and fixing glass shelf 60x13 cm (24"x5"), with 5mm thick glass with chromium plated brackets and railing	each	1.0	2
24	Providing and fixing underground stop cock 13 mm (½") with chromium plated cover.	each	1.0	3
25	Providing and fixing chromium plated bib cockii) 1.5 cm (½")	each	1.0	3
26	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex/ Popular/ Beta or equivalent) with specified pressure ratingPN(PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned PN-16 pipe (i)(1/2") 20 mm	Per Rft	1.0	150
27	providing and fixing waste pipe 2" for wash basin/ sink	each	1.0	1
Wood Works				
28	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	sft	1.0	73.5
29	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): priming coat.	100 Sft	1.0	494
30	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): each subsequent coat of paint.	100 Sft	1.0	494
31	Providing and fixing Imported Mortise Lever Handle Lock with backplate (Machine, Cylinders, Lever Handles (Pair) and backplate (Pair)) of approved quality, design & finish, including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved and directed by the Engineer Incharge	Each	1.0	15

32	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge Iron (i) 10" (250 mm) long	Each	1.0	7
33	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm ²) fixed to steel window, complete with flat iron patti 1/2"x 1/8" (13 mmx3 mm) and machine made screws	Per Sft.	1.0	75
34	Glass panes 5 mm thick	Per Sft.	1.0	50
35	Cutting to required size and fitting to doors and windows	Per Sft.	1.0	50
Electrical Work				
36	Supply and erection of switches 5 Amp. ii)piano type	Each	1.0	30
37	Supply and erection of 3 pin. 5 Amp wall socket.	Each	1.0	4
38	Providinf and fixing Bakelite plate for switch board including making of holes for regulator and button of size varying from 4"x4" to 10"x10"	Each	1.0	6
39	P/F Fan dimmer	Each	1.0	6
40	Supply and erection of 2 pin. 5 Amp wall socket.	Each	1.0	6
41	Rewinding of A.C. ceiling fan with copper wire, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc400 mm (56") sweep, 250-275 RPM	Each	1.0	7
42	Supply and fitting of capacitor 2.2 uF, for celling fans	Each	1.0	7
43	Supply and fitting of ball bearing of size 6021,6202 or6203 for celling fans	Each	1.0	7
44	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 10 x 10 cm (4"x4")	Each	1.0	4

45	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 7.5 x 10 cm (7"x4")	Each	1.0	2
46	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three Pin Power Plug 15-32 Amp	Each	1.0	1
47	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three pin Light Plug 10/13 Amp	Each	1.0	3
48	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge(b)Two way Gange SwitchSmall(iv) 04 Gange	Each	1.0	2
49	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029")	Per rft	1.0	300
50	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.74 mm (7/0.029")	Per rft	1.0	225
51	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.91 mm (7/0.036")	Per rft	1.0	100
52	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed twin core, 250/440 volts iii) 7/0.74 mm (7/0.029")	Per rft	1.0	70

53	Supply and erection of street light pole bracket 30 mm (1¼")G.I. pipe 2 metre long, complete with 2 No. pole clamp	each	1.0	1
54	Supply and erection of pole mounted street light, holders, shade and glass, etc., for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps): Philips design	each	1.0	1
55	Supply and fitting of mercury vapour lamp, complete with choke set. 125 watt lamp	each	1.0	1
56	Providing and fixing Copper Winded Exhaust Fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge Steel body (ii) 18" sweep	each	1.0	1
57	Suppling of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge a) Single Pole (ii) 6-40 Amp (6 KA)	each	1.0	2
58	Supplying of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.a) Tripple Pole(ii) 15-100 Amp (10 KA,15KA)	each	1.0	1
59	holder	each	1.0	5
60	LED Bulb 18 watt	each	1.0	5
61	Duct 25mm	rft	1.0	100
62	Nails of sorts	kg	1.0	1
63	Screws 3" & 2"	kg	1.0	1
64	Screws upto 1" long	per dozen	1.0	2
65	screw gatti	per dozen	1.0	2

66	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (a) 6" deep (i) 20~60A Size : 10inx 16in	each	1.0	1
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Residence (D-TYPE) (Qty: 2 No Residence)
Below mentioned Qty is for 01 Residence

S/N	Description	Unit	No	Qty
Civil Works				
1	Scraping:- a) White wash or Colour Wash.	per 100 Sq Ft	1.0	5,487
2	Priming coat of chalk under distemper	per 100 Sq Ft	1.0	5,487
3	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect	per 100 Sq Ft	1.0	5,487
4	Distemping:- a) Old surface b) Two coats Quality approved by engineer in-charge	per 100 Sq Ft	1.0	5,487
5	Preparing surface and painting with emulsion paint:- a) first coat	per 100 Sq Ft	1.0	773
6	Preparing surface and painting with emulsion paint:- a) 2nd and each subsequent coat	per 100 Sq Ft	1.0	773
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect b) old surface:	per 100 Sq Ft	1.0	2,160
8	Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick	per 100 Sq Ft	1.0	100
9	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C Cement plaster 3/8" (10 mm) thick under soffit of R.C.C b) 1:3	per 100 Sq Ft	1.0	100

10	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	per 100 Cft	1.0	924
11	Dismantling cement concrete plain 1:2:4 plain	per 100 Cft	1.0	924
Plumbing Works				
13	Providing and fixing, waste pipe of PVCii) 4 cm (1½")	each	1.0	3
14	Providing and Fixing of SS304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge. ii) 6" dia	each	1.0	2
15	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex/Popular/Beta or equivalent, plain/socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of special sand Solvents complete in all respect as approved and directed by the Engineer Incharge Type (SDR 34/SN-8) 6" dia 150mm	PER RFT	1.0	26
16	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/SWV pipe, Dadex/Popular/Beta or equivalent, plain/Bell Ended/Z-Joints conforming to BS4514/BS5255 EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings & specifications and/or as approved and directed by the Engineer Incharge. Type (SDR 32.5/SN-8) (v) 4" (110 mm)	rft	1.0	13
17	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc white, with pedestal	each	1.0	1
18	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. White	each	1.0	1
19	Providing and fitting glazed earthen ware water closet European type, excluding seat and cover:- white	each	1.0	1
20	Providing and fixing, double seat and cover only. Bakelite	each	1.0	1
21	Providing and fixing, chromium plated soap dish	each	1.0	1
22	Providing and fixing, chromium plated towel rail:- i) 60 cm (24") long, and 2 cm (¾") dia.	each	1.0	1
23	Providing and fixing looking glass 55x40 cm (22"x16") size	each	1.0	1

24	Providing and fixing glass shelf 60x13 cm (24"x5"), with 5mm thick glass with chromium plated brackets and railing	each	1.0	1
25	Providing and fixing underground stop cock 13 mm (1/2") with chromium plated cover.	each	1.0	2
26	Providing and fixing chromium plated bib cock ii) 1.5 cm (1/2")	each	1.0	2
27	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex/ Popular/ Beta or equivalent) with specified pressure rating PN(PRESSURE NOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned PN-16 pipe (i)(1/2") 20 mm	Per Rft	1.0	120
28	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower	each	1.0	1
29	Providing and fixing Muslim shower of Sonex/Master/Faisal or equivalent with 1-meter pipe	each	1.0	1
30	Providing and fixing waste coupling of Sonex/Master/Faisal or equivalent with 1-meter pipe	each	1.0	1.0
31	providing and fixing waste pipe 2" for wash basin/ sink	each	1.0	1
32	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of Open Type Wall Shower	each	1.0	1
33	Providing and fixing of Double Bib Cock of Sonex/Master/Faisal or equivalent	each	1.0	1
34	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	sft	1.0	21
35	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): priming coat.	100 Sft	1.0	42
36	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): each subsequent coat of paint.	100 Sft	1.0	42

37	Providing and fixing Imported Mortise Lever Handle Lock with backplate (Machine, Cylinders, Lever Handles (Pair) and backplate (Pair)) of approved quality, design & finish, including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved and directed by the Engineer Incharge	Each	1.0	3
38	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge Iron (i) 10" (250 mm) long	Each	1.0	3
39	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm ²) fixed to steel window, complete with flat iron patti 1/2"x 1/8" (13 mmx3 mm) and machine made screws	Per Sft.	1.0	70
40	Glass panes 5 mm thick	Per Sft.	1.0	35
41	Cutting to required size and fitting to doors and windows	Per Sft.	1.0	35
42	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge Single Leaf	Per Sft.	-	0
43	Supply and erection of switches 5 Amp. ii) piano type	Each	1.0	12
44	Supply and erection of 3 pin. 5 Amp wall socket.	Each	1.0	2
45	Providing and fixing Bakelite plate for switch board including making of holes for regulator and button of size varying from 4"x4" to 10"x10"	Each	1.0	2
46	P/F Fan dimmer	Each	1.0	3
47	Supply and erection of 2 pin. 5 Amp wall socket.	Each	1.0	2
48	Rewinding of A.C. ceiling fan with copper wire, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc 400 mm (56") sweep, 250-275 RPM	Each	1.0	1
49	Supply and fitting of capacitor 2.2 uF, for ceiling fans	Each	1.0	1
50	Supply and fitting of ball bearing of size 6021,6202 or 6203 for ceiling fans	Each	1.0	1
51	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 10 x 10 cm (4"x4")	Each	1.0	2
52	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 7.5 x 10 cm (7"x4")	Each	1.0	2

53	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three Pin Power Plug 15-32 Amp	Each	1.0	1
54	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three pin Light Plug 10/13 Amp	Each	1.0	2
55	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge (b) Two way Gange Switch Small (iv) 04 Gange	Each	1.0	2
56	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-a) 250/440 volts, PVC insulated:i) 3/0.74 mm (3/0.029")	Per rft	1.0	100
57	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.74 mm (7/0.029")	Per rft	1.0	75
58	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.91 mm (7/0.036")	Per rft	1.0	50
59	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed twin core, 250/440 volts iii) 7/0.74 mm (7/0.029")	Per rft	1.0	50
60	Supply and erection of street light pole bracket 30 mm (1¼")G.I. pipe 2 metre long, complete with 2 No. pole clamp	each	1.0	1

61	Supply and erection of pole mounted street light, holders, shade and glass, etc., for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps): Philips design	each	1.0	1
62	Supply and fitting of mercury vapour lamp, complete with choke set. 125 watt lamp	each	1.0	1
63	Suppling of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Inchargea) Single Pole(ii) 6-40 Amp (6 KA)	each	1.0	2
64	Supplying of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Tripple Pole (ii) 15-100 Amp (10 KA,15KA)	each	1.0	1
65	holder	each	1.0	3
66	LED Bulb 18 watt	each	1.0	3
67	Duct 25mm	rft	1.0	50
68	Nails of sorts	kg	1.0	0.5
69	Screws 3" & 2"	kg	1.0	0.5
70	Screws upto 1" long	per dozen	1.0	1.5
71	screw gatti	per dozen	1.0	1.5
72	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (a) 6" deep (i) 20~60A Size : 10inx 16in	each	1.0	1

Residence (E-TYPE) (Qty: 5 No Residence)
Below mentioned Qty is for 01 Residence

S/N	Description	Unit	No	Qty
	Civil Works			
1	Scraping:- a) White wash or Colour Wash.	per 100 Sq Ft	1.0	4,244
2	Priming coat of chalk under distemper	per 100 Sq Ft	1.0	4,244
3	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect	per 100 Sq Ft	1.0	4,244
4	Distemping:- a) Old surface b) Two coats Quality approved by engineer in-charge	per 100 Sq Ft	1.0	4,244
5	Preparing surface and painting with emulsion paint:- a) first coat	per 100 Sq Ft	1.0	479
6	Preparing surface and painting with emulsion paint:- a) 2nd and each subsequent coat	per 100 Sq Ft	1.0	479
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect b) old surface:	per 100 Sq Ft	1.0	730
8	Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick	per 100 Sq Ft	1.0	70
9	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C Cement plaster 3/8" (10 mm) thick under soffit of R.C.C b) 1:3	per 100 Sq Ft	1.0	70
	Plumbing Works			
10	Providing and fixing, waste pipe of PVC ii) 4 cm (1½")	each	1.0	2
11	Providing and Fixing of SS304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.ii) 6" dia	each	1.0	2

12	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) sewerage pipe made of Dadex/Popular/Beta or equivalent, plain/socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respects as approved and directed by the Engineer In charge Type (SDR 34/SN-8) 6" dia 150mm	PER RFT	1.0	13
13	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/SWV pipe, Dadex/Popular/Beta or equivalent, plain/Bell Ended/Z-Joints conforming to BS4514/BS5255 EN-1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and/or as approved and directed by the Engineer In charge. Type (SDR 32.5/SN-8) (v) 4" (110 mm)	rft	1.0	13
14	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc white, with pedestal	each	1.0	1
15	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. White	each	1.0	1
16	Providing and fitting glazed earthen ware water closet European type, excluding seat and cover:- i) white	each	1.0	1
17	Providing and fixing, chromium plated soap dish	each	1.0	2
18	Providing and fixing, chromium plated towel rail:- i) 60 cm (24") long, and 2 cm ($\frac{3}{4}$ ") dia.	each	1.0	1
19	Providing and fixing looking glass 55x40 cm (22"x16") size	each	1.0	1
20	Providing and fixing glass shelf 60x13 cm (24"x5"), with 5mm thick glass with chromium plated brackets and railing	each	1.0	1
21	Providing and fixing underground stop cock 13 mm ($\frac{1}{2}$ ") with chromium plated cover.	each	1.0	2
22	Providing and fixing chromium plated bib cock ii) 1.5 cm ($\frac{1}{2}$ ")	each	1.0	2

23	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex/ Popular/ Beta or equivalent) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making joints complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned PN-16 pipe (i) (1/2") 20 mm	Per Rft	1.0	100
24	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower	each	1.0	1
25	Providing and fixing Muslim shower of Sonex/Master/Faisal or equivalent with 1-meter pipe	each	1.0	1
26	Providing and fixing waste coupling of Sonex/Master/Faisal or equivalent with 1-meter pipe	each	1.0	1
27	Providing and fixing waste pipe 2" for wash basin/ sink	each	1.0	1
28	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of Open Type Wall Shower	each	1.0	1
29	Providing and fixing of Double Bib Cock of Sonex/Master/Faisal or equivalent	each	1.0	1.0
	Wood Works			
30	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	sft	1.0	42
31	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): priming coat.	100 Sft	1.0	84
32	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): each subsequent coat of paint.	100 Sft	1.0	84
33	Providing and fixing Imported Mortise Lever Handle Lock with back plate (Machine, Cylinders, Lever Handles (Pair) and backplate (Pair)) of approved quality, design & finish, including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved and directed by the Engineer Incharge	Each	1.0	5

34	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge Iron (i) 10" (250 mm) long	Each	1.0	5
35	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm ²) fixed to steel window, complete with flat iron patti 1/2" x 1/8" (13 mmx3 mm) and machine made screws	Per Sft.	1.0	35
36	Glass panes 5 mm thick	Per Sft.	1.0	20
37	Cutting to required size and fitting to doors and windows	Per Sft.	1.0	20
38	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge Single Leaf	Per Sft.	-	0
Electrical Work				
39	Supply and erection of switches 5 Amp. ii)piano type	Each	1.0	25
40	Supply and erection of 3 pin. 5 Amp wall socket.	Each	1.0	3
41	Providinf and fixing Bakelite plate for switch board including making of holes for regulator and button of size varying from 4"x4" to 10"x10"	Each	1.0	4
42	P/F Fan dimmer	Each	1.0	3
43	Supply and erection of 2 pin. 5 Amp wall socket.	Each	1.0	3
44	Rewinding of A.C. ceiling fan with copper wire, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc 400 mm (56") sweep, 250-275 RPM	Each	1.0	2
45	Supply and fitting of capacitor 2.2 uF, for celling fans	Each	1.0	2
46	Supply and fitting of ball bearing of size 6021,6202 or6203 for celling fans	Each	1.0	2
47	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 10 x 10 cm (4"x4")	Each	1.0	3
48	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 7.5 x 10 cm (7"x4")	Each	1.0	2

49	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three Pin Power Plug 15-32 Amp	Each	1.0	1
50	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three pin Light Plug 10/13 Amp	Each	1.0	3
51	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge (b) Two way Gange Switch Small (iv) 04 Gange	Each	1.0	2
52	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029")	Per rft	1.0	150
53	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-a) 250/440 volts, PVC insulated:i) 7/0.74 mm (7/0.029")	Per rft	1.0	100
54	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.91 mm (7/0.036")	Per rft	1.0	75
55	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed twin core, 250/440 volts iii) 7/0.74 mm (7/0.029")	Per rft	1.0	50
56	Supply and erection of street light pole bracket 30 mm (1¼")G.I. pipe 2 metre long, complete with 2 No. pole clamp	each	1.0	1
57	Supply and erection of pole mounted street light, holders, shade and glass, etc., for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps): Philips design	each	1.0	1

58	Supply and fitting of mercury vapour lamp, complete with choke set. 125 watt lamp	each	1.0	1
59	Providing and fixing Copper Winded Exhaust Fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge Steel body (ii) 18" sweep	each	1.0	1
60	Suppling of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Inchargea) Single Pole(ii) 6-40 Amp (6 KA)	each	1.0	2
61	Supplying of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Tripple Pole (ii) 15-100 Amp (10 KA,15KA)	each	1.0	1
62	holder	each	1.0	3
63	LED Bulb 18 watt	each	1.0	3
64	Duct 25mm	rft	1.0	50
65	Nails of sorts	kg	1.0	1
66	Screws 3" & 2"	kg	1.0	1
67	Screws upto 1" long	per dozen	1.0	1.5
68	screw gatti	per dozen	1.0	1.5
69	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (a) 6" deep (i) 20~60A Size : 10inx 16in	each	1.0	1

Residence (F-TYPE) (Qty: 5 No Residence)
Below mentioned Qty is for 01 Residence

S/N	Description	Unit	No	Qty
	Civil Works			
1	Scraping:- a) White wash or Colour Wash.	per 100 Sq Ft	1.0	1,859
2	Priming coat of chalk under distemper	per 100 Sq Ft	1.0	1,859
3	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect	per 100 Sq Ft	1.0	1,859
4	Distemping:- a) Old surface b) Two coats Quality approved by engineer in-charge	per 100 Sq Ft	1.0	1,859
5	Preparing surface and painting with emulsion paint:- a) first coat	per 100 Sq Ft	1.0	313
6	Preparing surface and painting with emulsion paint:- a) 2nd and each subsequent coat	per 100 Sq Ft	1.0	313
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect b) old surface:	per 100 Sq Ft	1.0	781
8	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels 1"(25 mm) thick	per 100 Sq Ft	1.0	366
9	Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick	per 100 Sq Ft	1.0	100
10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C Cement plaster 3/8" (10 mm) thick under soffit of R.C.C b) 1:3	per 100 Sq Ft	1.0	100
11	Providing and fixing glass strip 5mm thick and 1½" (40 mm) wide, for dividing the mosaic flooring into panels	Per Rft.	1	146
12	Providing and fixing, waste pipe of PVC ii) 4 cm (1½")	each	1.0	1
13	Providing and Fixing of SS304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.ii) 6" dia	each	1.0	1

14	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) sewerage pipe made of Dadex/Popular/Beta or equivalent, plain/socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of special sand solvents complete in all respects as approved and directed by the Engineer Incharge Type (SDR 34/SN-8) 6" dia 150mm	PER RFT	1.0	13
15	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized Polyvinyl Chloride) Nikasi/SWV pipe, Dadex/Popular/Beta or equivalent, plain/Bell Ended/Z-Joints conforming to BS4514/BS5255 EN-1329 including the cost of special sand solvents complete in all respects, as per drawings & specifications and/or as approved and directed by the Engineer Incharge. Type (SDR 32.5/SN-8) (v) 4" (110 mm)	rft	1.0	13
16	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. White	each	1.0	1
17	Providing and fixing, chromium plated soap dish	each	1.0	1
18	Providing and fixing chromium plated bib cock ii) 1.5 cm ($\frac{1}{2}$ ")	each	1.0	3
19	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of Open Type Wall Shower	each	1.0	1
20	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	sft	1.0	63
21	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): priming coat.	100 Sft	1.0	252
22	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges): each subsequent coat of paint.	100 Sft	1.0	252

23	Providing and fixing Imported Mortise Lever Handle Lock with back plate (Machine, Cylinders, Lever Handles (Pair) and backplate (Pair)) of approved quality, design & finish, including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved and directed by the Engineer Incharge	Each	1.0	3
24	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge Iron (i) 10" (250 mm) long	Each	1.0	4
25	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm ²) fixed to steel window, complete with flat iron patti 1/2"x 1/8" (13 mmx3 mm) and machine made screws	Per Sft.	1.0	30
26	Glass panes 5 mm thick	Per Sft.	1.0	30
27	Cutting to required size and fitting to doors and windows	Per Sft.	1.0	30
28	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge Double Leaf	Per Sft.	1.0	28.0
29	Supply and erection of switches 5 Amp. ii)piano type	Each	1.0	6
30	Supply and erection of 3 pin. 5 Amp wall socket.	Each	1.0	1
31	Providinf and fixing Bakelite plate for switch board including making of holes for regulator and button of size varying from 4"x4" to 10"x10"	Each	1.0	2
32	P/F Fan dimmer	Each	1.0	2
33	Supply and erection of 2 pin. 5 Amp wall socket.	Each	1.0	2
34	Rewinding of A.C. ceiling fan with copper wire, capacitor type, including cost of wire, leatheride paper cotton tape, soldering, etc 400 mm (56") sweep, 250-275 RPM	Each	1.0	1
35	Supply and fitting of capacitor 2.2 uF, for celling fans	Each	1.0	1
36	Supply and fitting of ball bearing of size 6021,6202 or6203 for celling fans	Each	1.0	1
37	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 10 x 10 cm (4"x4")	Each	1.0	1

38	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc.7.5 x 10 cm (7"x4")	Each	1.0	1
39	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three Pin Power Plug 15-32 Amp	Each	1.0	1
40	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch Small Three pin Light Plug 10/13 Amp	Each	1.0	2
41	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge (b) Two way Gange Switch Small (iv) 04 Gange	Each	1.0	1
42	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 3/0.74 mm (3/0.029")	Per rft	1.0	75
43	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-a) 250/440 volts, PVC insulated:i) 7/0.74 mm (7/0.029")	Per rft	1.0	50
44	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):- a) 250/440 volts, PVC insulated: i) 7/0.91 mm (7/0.036")	Per rft	1.0	50
45	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed twin core, 250/440 volts iii) 7/0.74 mm (7/0.029")	Per rft	1.0	25

46	Suppling of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMANY/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge a) Single Pole (ii) 6-40 Amp (6 KA)	each	1.0	1
47	holder	each	1.0	2
48	LED Bulb 18 watt	each	1.0	2