



INFORMATION TECHNOLOGY
UNIVERSITY OF THE PUNJAB

INVITATION TO BID

Information Technology University (ITU), invites proposals/bids for: “Procurement of Services with Material for Construction Works at ITU Main Campus, Barki Road, Lahore”.

1. Tender Document is available at www.itu.edu.pk and www.ppra.punjab.gov.pk. The procurement shall be completed in accordance with Punjab Procurement Rules 2014, on Single Stage - Two Envelope Bidding Procedure.
2. A single package containing Technical and Financial Bids separately, duly completed, signed, stamped, sealed and in complete conformity with Tender Document should be dropped, in the Tender Box placed at Reception of the ITU office, 6th Floor, Arfa Software Technology Park, 346-B, Main Ferozepur Road Lahore, not later than 1500 Hours on last date of submission of bids i.e. **26th December, 2023**. The bids shall be opened at 1600 Hours on the same date, as per Punjab Procurement Rules, 2014.
3. All bids must be accompanied by Bid Security in complete conformity of the clause “Bid Security” of the prescribed tender document, as per Rule-27 of Punjab Procurement Rules 2014. Bids which are incomplete, not sealed, not signed and stamped, late or submitted by other than specified mode will not be considered.
4. All prospective firms/bidders are required to collect a challan form from the Procurement Office-ITU at below given address to submit an amount of Rs.2000/- (for each Lot) in ITU’s Account. The deposit slip must accompany the bid; otherwise the bid shall stand rejected.
5. Income/Sales tax registration certificate and other required documents as mentioned in Tender Document must accompany the bids. Taxes will be deducted as per government rules.

Note: ITU may reject all bids or proposals at any time prior to the acceptance of a bid or proposal, as provided under Rule-35 of Punjab Procurement Rules, 2014.

PURCHASE OFFICER

INFORMATION TECHNOLOGY UNIVERSITY OF THE PUNJAB

6th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore.

Phone: (042) 111-111-488 (6029)

Web: www.itu.edu.pk

Tender Document

Tender No. 48809-12122023-01

PROCUREMENT OF SERVICES WITH MATERIAL FOR CONSTRUCTION WORKS AT ITU MAIN CAMPUS, BARKI ROAD



INFORMATION TECHNOLOGY UNIVERSITY OF THE PUNJAB

6th Floor, Arfa Software Technology Park,
346-B, Ferozepur Road, Lahore, Pakistan

Phone: (+92) (42) 111-111-488 (6029)

URL: www.itu.edu.pk

Table of Contents

CHECKLIST FOR BID SUBMISSION.....	4
1. Invitation to Bid.....	5
2. Bidding Details (Instructions to Bidders)	6
TERMS AND CONDITIONS OF THE TENDER.....	8
3. Definitions	8
4. Headings and Titles.....	9
5. Notice.....	9
6. Tender Scope.....	9
7. Tender Eligibility/Qualification Criteria	10
8. Tender Cost.....	10
9. Joint Venture / Consortium	11
10. Examination of the Tender Document	11
11. Clarification of the Tender Document	11
12. Amendment of the Tender Document	12
13. Preparation / Submission of Tender.....	12
14. Tender Price	14
15. Bid Security (Earnest Money).....	14
16. Tender Validity	15
17. Modification / Withdrawal of the Tender	15
18. Opening of the Tender	16
19. Clarification of the Tender	16
20. Determination of Responsiveness of the Bid (Tender).....	16
21. Correction of errors / Amendment of Tender.....	17
22. Technical Evaluation Criteria.....	17
23. Financial Proposal Evaluation	18
24. Rejection / Acceptance of the Bid	19
25. Award Criteria.....	20
26. Acceptance Letter	20
27. Performance Security.....	20
28. Redressal of grievances by the procuring agency.....	21
29. Contract	23
30. Contract Duration.....	23
31. Contract Documents and Information.....	23
32. Contract Language.....	23
33. Standards	23
34. Delivery/ Execution Schedule.....	23
35. Taking-Over Certificate	24
36. Warranty/Support Services	24
37. Ownership of Goods and Replaced Components.....	25
38. Defects Liability Expiry Certificate	25
39. Payment.....	25
40. Price	25
41. Contract Amendment.....	26
42. Extensions in time for performance of obligations under the Contract.....	26

43.	Liquidated Damages	26
44.	Blacklisting	26
45.	Termination for Default	27
46.	Termination for Insolvency	27
47.	Termination for Convenience	27
48.	Force Majeure	27
49.	Dispute Resolution	28
50.	Statutes and Regulations	28
51.	Taxes and Duties	29
52.	Contract Cost	29
53.	The Client	29
54.	Authorized Representative	29
55.	Waiver	30
56.	Documentation	30
57.	Special Stipulations	31
	ANNEXURE-A	32
	ANNEXURE-B	61
	ANNEXURE-C	62
	ANNEXURE-D	63
	ANNEXURE-E	92
	ANNEXURE-F	93
	ANNEXURE-G	95
	ANNEXURE-H	96
	ANNEXURE-I	97
	ANNEXURE-J	98

IMPORTANT NOTE

Bidders must ensure that they submit all the required documents indicated in the Bidding Documents without fail. Bids received without, undertakings, valid documentary evidence, supporting documents and the manner for the various requirements mentioned in the Bidding Documents or test certificates are liable to be rejected at the initial stage itself. The data sheets, valid documentary evidences for the critical components as detailed hereinafter should be submitted by the Bidder for scrutiny.

CHECKLIST FOR BID SUBMISSION

The bidder(s) must fill-up the checklist / table given below and attach required documents with proper Annexures:

Sr. #	Description	Yes/ No	Attached at Annexure
Technical Proposal			
1.	Covering letter <u>Annex-E</u> duly signed and stamped by authorized representative on Firm's Letter Head.		
2.	Technical Proposal Submission Form <u>Annex-B</u> duly signed and stamped on Firm's Letter Head.		
3.	Duly filled, signed and stamped technical specifications sheet <u>Annex-A</u> with Technical Offer/BOQ clearly mentioning Technical specifications offered, along with Brochures / Literature, etc.		
4.	Undertaking <u>Annex-G</u> signed & stamped on legal valid and attested stamp paper.		
5.	Income Tax Registration (NTN) and General/Punjab Sales Tax Registration with Active status.		
6.	Valid Professional Tax Certificate.		
7.	Valid Registration of Pakistan Engineering Council under the required financial Category as determined by the PEC		
8.	Relevant experience documents i.e. Purchase Orders / Contracts for specified period of two (2) years as required in Technical Evaluation Criteria.		
9.	Power of Attorney <u>Annex-F</u> , if an authorized representative is appointed.		
10.	Affidavit (Integrity Pact) <u>Annex-H</u> , on legal stamp paper.		
11.	Receipt (ITU copy) deposit slip of bidder registration for this tender. Challan Form given at <u>Annex-I</u> of Tender Document.		
12.	Bid Security, as per provisions of (<u>clause-15</u>) of this Tender Document.		
Financial Proposal			
13.	Financial Proposal Form <u>Annex-C</u> , duly signed & stamped on Firm's Letter Head.		
14.	Price Schedule/Financial Cost Sheet <u>Annex-D</u> , duly signed & stamped on Firm's Letter Head.		

APPLICABILITY OF PUNJAB PROCUREMENT RULES, 2014

This Bidding Process will be governed under Punjab Procurement Rules, 2014, as amended from time to time and instructions of the Government of the Punjab if and when received.

1. Invitation to Bid

1.1 PPRA Rules to be followed

Punjab Procurement Rules, 2014 will be strictly followed. These may be obtained from PPRA's website. <http://ppra.punjab.gov.pk/>

In this document, unless otherwise mentioned to the contrary, "Rule" means a Rule under the Punjab Procurement Rules, 2014.

1.2 Mode of Advertisement(s)

As per Rule 12(2), this Tender is being placed online at PPRA's website as well as being advertised in print media. The bidding document carrying all details can be downloaded from ITU's website www.itu.edu.pk and from PPRA's website www.ppra.punjab.gov.pk for information only. All prospective bidders are required to register themselves with the Procurement Office, ITU at above given address; collect a Challan Form to submit an amount of Rs.2,000/- (for each Lot) in ITU's account. The deposit slip must accompany respective bid; otherwise the bid will stand rejected.

1.3 Type of Open Competitive Bidding

As per Rule 38(2)(a) of Punjab Procurement Rules, 2014, Single Stage – Two Envelope Bidding Procedure shall be followed. The said procedure is reproduced as follows:

- (i) the bid shall be a single package consisting of two separate envelopes, containing separately the financial and the technical proposals;
- (ii) the envelopes shall be marked as "Financial Proposal" and "Technical Proposal";
- (iii) in the first instance, the "Technical Proposal" shall be opened and the envelope marked as "Financial Proposal" shall be retained unopened in the custody of the procuring agency;
- (iv) the procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements;
- (v) during the technical evaluation no amendments in the technical proposal shall be permitted;
- (vi) after the evaluation and approval of the technical proposals, the procuring agency shall open the financial proposals of the technically accepted bids, publically at a time, date and venue announced and communicated to the bidders in advance, within the bid validity period;
- (vii) the financial bids found technically nonresponsive shall be returned un-opened to the respective bidders; and
- (viii) the lowest evaluated bidder shall be awarded the contract.

2. Bidding Details (Instructions to Bidders)

All bids must be accompanied by Bid Security (Earnest Money), as per provisions of this tender document clause “Bid Security” in favor of **“Information Technology University”**. The complete bids as per required under this tender document, must be delivered into the Tender Box, placed at reception of Information Technology University, Lahore, not later than **1500 hours on 26th December, 2023**. Late bids shall not be considered. Bids shall be publicly opened in the Committee Room of Information Technology University, 6th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore, at **1600 hours on 26th December, 2023**. In case the last date of bid submission falls in / within the official holidays / weekends of the Purchaser, the last date for submission of the bids shall be the next working day.

Queries of the Bidders (if any) for seeking clarifications regarding the specifications of the Items/ Services/Works must be received in writing to the Purchaser till **19th December, 2023**. Any query received after said date may not be entertained. All queries shall be responded to within due time. ITU may host a Q&A session, at ITU premises (6th Floor, Arfa Software Technology Park, 346-B, Ferozepur Road, Lahore). The time, date and venue for said Q&A session shall be communicated to all registered bidders well in time.

The bidder shall submit bids which comply with the Bidding Document. Alternative bids shall not be considered. The attention of bidders is drawn to the provisions of this tender document Clause regarding **“Determination of Responsiveness of Bid” and “Rejection / Acceptance of the Tender”** for making their bids substantially responsive to the requirements of the Bidding Documents.

It will be the responsibility of the Bidder that all factors have been investigated and considered while submitting the Bid and no claim whatsoever including those of financial adjustments to the contract awarded under this Bid Process will be entertained by the Purchaser. Neither any time schedule, nor financial adjustments arising thereof shall be permitted on account of failure by the Bidder.

The Bidder shall be deemed to have satisfied itself fully before Bid as to the correctness and sufficiency of its Bids for the contract and price/cost quoted in the Bid to cover all obligations under this Bid Process.

It must be clearly understood that the Terms and Conditions and Specifications are intended to be strictly enforced. No escalation of cost except arising from increase in quantity by the Bidder on the demand and approval of the Purchaser will be permitted throughout the period of completion of the contract.

The Bidder should be fully and completely responsible for all the deliveries and deliverables to the Purchaser.

The Primary Contact & Secondary Contact for all correspondence in relation to this bid is as follows:

Primary Contact

Kashif Mahmood

Resident Engineer

Email: resident.engineer@itu.edu.pk

6th Floor, Arfa Software Technology Park,
346-B, Ferozepur Road, Lahore, Pakistan.

Secondary Contact

For general queries relating tender document bidders may contact at:
ali.hamdani@itu.edu.pk

Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact, all queries should be communicated via the Primary Contact and in writing (e-mail) only. In the case of an urgent situation where the Primary Contact cannot be contacted, the bidder may alternatively direct their enquiries through the Secondary Contact.

Bidders are also required to state, in their proposals, the name, title, contact number (landline, mobile), fax number and e-mail address of the bidder's authorized representative through whom all communications shall be directed until the process has been completed or terminated.

The Purchaser will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.

Failure to supply required items/services/Works within the specified time period will invoke penalty as specified in this document.

TERMS AND CONDITIONS OF THE TENDER

3. Definitions

- 3.1 In this document, unless there is anything repugnant in the subject or context:
- 3.2 "Authorized Representative" means any representative appointed, from time to time, by the Client, the Purchaser or the Contractor.
- 3.3 "Availability and Reliability" means the probability that a component shall be operationally ready to perform its function when called upon at any point in time.
- 3.4 "Client" means the Head of Department / Project Lead / Faculty Member at ITU for whose' particular project / department the Items/ Services have been procured or any other person, duly appointed in writing, by the Client, for the time being or from time to time, to act as Client for the purposes of the Contract.
- 3.5 "Bidder/Tenderer" means the interested Firm/Company/Supplier/Distributors that may provide or provides the Items/services etc. and related services to any of the public/private sector organization under the contract and have registered for the relevant business thereof.
- 3.6 "Commencement Date of the Contract" means the date of signing of the Contract between the Purchaser and the Contractor.
- 3.7 "Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.
- 3.8 "Contractor / Vendor" means the Tenderer whose bid has been accepted and awarded Letter of Acceptance for a specific item followed by the signing of Contract.
- 3.9 "Contract Price" means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.
- 3.10 "Contract Value" means that portion of the Contract Price adjusted to give effect to such additions or deductions as are provided for in the Contract which is properly apportion-able to the Items or Services in question.
- 3.11 "Defects Liability Expiry Certificate" means the certificate to be issued by the Client to the Contractor, in accordance with the Contract.
- 3.12 "Day" means calendar day.
- 3.13 "Defects Liability Period" means the warranty period following the taking over, during which the Contractor is responsible for making good, any defects and damages in Works and Services provided, under the Contract.
- 3.14 "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars, revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 3.15 "Goods" means general order supplies which the Contractor is required to supply to the Purchaser under the Contract.
- 3.16 "Person" includes individual, association of persons, firm, company, corporation,

institution and organization, etc., having legal capacity.

- 3.17 "Prescribed" means prescribed in the Tender Document.
- 3.18 "Purchaser" means the Information Technology University (ITU) or any other person for the time being or from time to time duly appointed in writing by the Purchaser to act as Purchaser for the purposes of the Contract.
- 3.19 "Origin" shall be considered to be the place where the Goods/Services are produced or from where the Services are provided. Goods/Services are produced when, through manufacturing, processing or assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components. The origin of Goods and Services is distinct from the nationality of the Contractor.
- 3.20 "Services" means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.
- 3.21 "Taking-Over Certificate" means the certificate to be issued by the Client to the Contractor, in accordance with the Contract.
- 3.22 "Works" means work to be done by the Contractor under the Contract includes commodities, raw material, machinery, equipment, and industrial plants, etc.
- 3.23 "Eligible" is defined as any country or region that is allowed to do business in Pakistan by the law of Government of Pakistan.

4. Headings and Titles

In this document, headings and titles shall not be construed to be part thereof or be taken into consideration in the interpretation of the document and words importing the singular only shall also include the plural and vice versa where the context so requires.

5. Notice

- 5.1 In this document, unless otherwise specified, wherever provision is made for exchanging notice, certificate, order, consent, approval or instructions amongst the Contractor, the Purchaser and the Client, the same shall be:
- 5.1.1 in writing;
 - 5.1.2 issued within reasonable time;
 - 5.1.3 served by sending the same by courier or registered post to their principal office in Pakistan or such other address as they shall notify for the purpose; and
 - 5.1.4 The words "notify", "certify", "order", "consent", "approve", "instruct", shall be construed accordingly.

6. Tender Scope

- 6.1 Information Technology University (ITU), (hereinafter referred to as "the Procuring Agency") Requests for Proposals (hereinafter referred to as "the Tenders") for supply of Material (Hereinafter referred to as "the Goods") and for Services for the Construction Works at ITU Main Campus (hereinafter referred to as "the Services").

- 6.2 The successful Bidder will be required to execute the work within the given time line specified in this Document. Detail requirements are attached at **Annexure-A**.

7. Tender Eligibility/Qualification Criteria

7.1 Eligible Bidder/Tenderer is a Bidder/Tenderer who:

- 7.1.1 has a registered/incorporated company/firm in Pakistan with relevant experience for last two (2) years atleast;
- 7.1.2 Must be registered with Tax Authorities as per prevailing latest tax rules (Only those companies which are validly registered with sales tax and income tax departments and having sound financial strengths can participate);
- 7.1.3 has valid Registration (must be included in Active Tax Payer List) of General Sales Tax, National Tax Number (NTN), PRA and Valid Professional Tax Certificate
- 7.1.4 Valid Registration of Pakistan Engineering Council under relevant financial Category as defined by PEC.
- 7.1.5 has submitted bid for complete services/material/works and relevant bid security. Non-compliance of the same shall cause rejection of the bid;
- 7.1.6 must be involved in providing similar nature Items/Services/Works for last two (2) years atleast;
- 7.1.7 has not been blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan. (Submission of undertaking on legal stamp paper is mandatory), failing which will cause rejection of the bid;
- 7.1.8 has the required relevant qualified personnel and enough strength to fulfill the requirement of Items/Services/Works.
- 7.1.9 Conforms to the clause of "Responsiveness of Bid" given herein this tender document.
- 7.1.10 Material, Services and Goods can only be delivered/sourced/routed from "origin" in "eligible" member countries.
 - 7.1.10.1 Eligible" is defined as any country or region that is allowed to do business in Pakistan by the law of Government of Pakistan.
 - 7.1.10.2 "Origin" shall be considered to be the place where the materials are produced or from which the Services are provided. Materials are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

Note: Verifiable documentary proof for all above requirements is a mandatory requirement, non-compliance will lead to disqualification.

8. Tender Cost

The Tenderer shall bear all costs / expenses associated with the preparation and submission of the Tender(s) and the Purchaser shall in no case be responsible / liable for those costs / expenses.

9. Joint Venture / Consortium

Joint ventures or consortium are also eligible for this tender, as long as, such arrangement complies with the following conditions:

- 9.1. The tenderers may form a joint venture of maximum three bidders/companies.
- 9.2. The locally registered firm/company from amongst the Consortium/JV Partners must be nominated as Lead Partner/Prime Bidder and this authorization shall be evidenced by submitting of full Power of Attorney signed by the legally authorized signatories of all the Partners.
- 9.3. In case of the successful Bid, the Contract Agreement shall be signed by the Prime Bidder so as to be legally binding on all the partners. The Prime Bidder shall be authorized by the Consortium Partners through Power of Attorney to act on their behalf to incur liabilities and receive instructions for and on their behalf for entire execution of the contract and receive payment/payments which shall be done exclusively to the Prime Bidder. The prime bidder must be locally registered company in Pakistan.
- 9.4. All Partners of the Consortium shall be liable jointly and severally for the execution of the contract in accordance with the contract terms and a statement to this effect shall be included in the authorization mentioned above as well as in the Bid and in the agreement (in case of successful bid).
- 9.5. Copy of the Consortium/JV Agreement entered into by the Partners shall be submitted with the Bid.
- 9.6. The Partners of a Consortium/JV are not allowed to bid individually or to be the Partner of another Consortium.
- 9.7. No firm/Company/JV/Consortium shall be allowed to hide any fact. Any attempt to this effect may lead to disqualification of the firm/Company/JV/Consortium.
- 9.8. Any issue arising from the delivery of goods/services till Completion of the Contract and throughout the Contract period, is the responsibility of the Lead Partner/Prime Bidder.

10. Examination of the Tender Document

The Tenderer is expected to examine the Tender Document, including all instructions and terms and conditions.

11. Clarification of the Tender Document

The Tenderer may require further information or clarification of the Tender Document, within six (06) calendar days of issuance of tender in writing. The clarification and its replies will be shared with all prospective bidders.

Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact given herein this document, all queries should be communicated via the Primary Contact and in writing (e.g. e-mail & letter) only. In the case of an urgent situation where the Primary Contact cannot be contacted, the bidder may alternatively direct their enquiries through the Secondary Contact.

12. Amendment of the Tender Document

- 12.1 The Purchaser may, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).
- 12.2 The Purchaser shall notify the amendment(s) in writing to the prospective Tenderers as per Punjab Procurement Rules, 2014.
- 12.3 The Purchaser may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender as per Rule-25(4) of Punjab Procurement Rules, 2014.

13. Preparation / Submission of Tender

- 13.1 The Bidder(s) must submit their bid for complete Scope of Works required in this tender.
- 13.2 The Bidder will submit their respective bids in a manner explained in this tender document.
- 13.3 The tender and all documents relating to the Tender, exchanged between the Bidder and the Purchaser, shall be in English. Any printed literature furnished by the Bidder in another language shall be accompanied by an English translation which shall govern for purposes of interpretation of the Tender.
- 13.4 The Tender shall be filed in / accompanied by the prescribed Forms, Annexures, Schedules, Charts, Drawings, Documents, Brochures, Literature, etc. which shall be typed, completely filled in, stamped and signed by the Bidder or his Authorized Representative. In case of copies, signed and stamped photocopies may be submitted. If volume of the bid contains various set(s) of documents the same must be properly numbered and tagged in binding shape.
- 13.5 The Tender shall be in two parts i.e. the **technical proposal** and the **financial proposal**. Each proposal shall be in two sets i.e. **the original** and **the copy**. In the event of any discrepancy between the original and the duplicate, the original shall govern.
- 13.6 The **Technical Proposal** shall comprise the documentary proof(s) as per the mandatory requirements mentioned in **Checklist for Bid Submission, Tender Eligibility/Qualification Criteria** (Clause-7) and **Technical Evaluation Criteria** (Clause-22).
- 13.7 The **Financial proposal** shall comprise the following:
 - 13.7.1 Financial Proposal Form (**Annexure-C**)
 - 13.7.2 Price Schedule (**Annexure-D**)
- 13.8 The Tenderer shall seal the Original Technical Proposal/Bid in an envelope duly marked as under:

Original Technical Proposal/Bid for:

Tender Name. [Name of Tender]

Tender No.

Strictly Confidential

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]

[Address of the Tenderer]

[Phone No. of the Tenderer]

- 13.9 The Tenderer shall seal the Duplicate Technical Proposal/Bid in an envelope duly marked as under:

Duplicate Technical Proposal/Bid for:

Tender Name. [Name of Tender]

Tender No.

Strictly Confidential

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]

[Address of the Bidder]

[Phone No. of the Bidder]

- 13.10 The Tenderer shall follow the same process for the **Financial Proposal/Bid**.

- 13.11 The Tenderer shall again seal the sealed envelopes of **Original Technical Proposal** and the **Original Financial Proposal** in an outer envelope, duly marking the envelope as under:

Original Proposal/Bid for:

Tender Name. [Name of Tender]

Tender No.

Strictly Confidential

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]

[Address of the Bidder]

[Phone No. of the Bidder]

- 13.12 The Tenderer shall again seal the sealed envelopes of **Duplicate Technical Proposal** and the **Duplicate Financial Proposal** in an outer envelope, duly marking the envelope as under:

Duplicate Proposal/Bid for:

Tender Name. [Name of Tender]

Tender No.

Strictly Confidential

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Bidder]

[Address of the Bidder]

[Phone No. of the Bidder]

- 13.13 The Bidders must enclose **soft copies** of the **Technical Proposal** and the **Financial Proposals**, including all Forms, Annexes, Schedules, Charts, Maps, Drawings, Documents, Brochures, Literature, etc., in the form of MS Word Documents, MS Excel Worksheets and Scanned images, with the hard copies.
- 13.14 The Tender shall be dropped in the prescribed Tender Box placed at the Reception of the Purchaser's office, not later than **1500 hours on last date** of submission of bids. No late bid shall be accepted.
- 13.15 This is made obligatory to affix authorized **signatures with official seal** on all original and duplicate (copies) documents, annexures, copies, certificates, brochures, literature, drawings, letters, forms and all relevant documents as part of the bids submitted by the Bidder.

14. Tender Price

- 14.1 The quoted price shall be:
- 14.1.1 best / final / fixed and valid until completion of all obligations under the Contract i.e. not subject to variation / escalation;
- 14.1.2 in Pak Rupees;
- 14.1.3 inclusive of all taxes, duties, levies, insurance, freight, etc.;
- 14.1.4 including all charges up to the delivery point at Information Technology University, Main Campus Barki Road, Lahore or as specified by the Purchaser at the time of delivery.
- 14.1.5 as the Work is being carried out for an educational Institute i.e. Information Technology University of the Punjab. Therefore, a significant educational discount in bid price would be appreciated.
- 14.2 If not specifically mentioned in the Tender(s), it shall be presumed that the quoted price is as per the above requirements.
- 14.3 Where no prices are entered against any item(s)/service(s), the price of that item/service shall be deemed be free of charge, and no separate payment shall be made for that item(s).
- 15. Bid Security (Earnest Money)**
- 15.1 The bid security amount has been calculated and demanded on estimated price as per provision of Rule-27 "Bid Security" of PPRA Rules, 2014 (i.e. not exceeding five percent of the estimated cost), the Tenderer shall furnish the Bid Security (Earnest Money) as under:

- 15.1.1 for a sum of **PKR. 900,000/- for Lot No. 1, PKR 700,000 for Lot No. 2, PKR 900,000/- for Lot No. 3, and PKR 700,000 for Lot No. 4. Bid Security for each Lot shall be submitted separately;**
- 15.1.2 denominated in Pak Rupees;
- 15.1.3 as part of technical bid envelope, failing which will cause rejection of bid.
- 15.1.4 in the form of Demand Draft / Pay Order / Call Deposit Receipt, in the name of the Information Technology University;
- 15.1.5 have a minimum validity period of one hundred and twenty (120) days from the last date for submission of the Tender.
- 15.2 The Bid Security shall be forfeited by the Purchaser, on the occurrence of any / all of the following conditions:
- 15.2.1 If the Bidder withdraws the Tender during the period of the Tender validity specified by the Bidder on the Tender Form; or
- 15.2.2 If the Bidder does not accept the corrections of his Total Tender Price; or
- 15.2.3 If the Bidder, having been notified of the acceptance of the Tender by the Procuring Agency during the period of the Tender validity, fails or refuses to furnish the Performance Security, in accordance with the Tender Document; or
- 15.2.4 If the Bidder, fails or refuses to deliver the required material/services/works or fulfill the order placed within the stipulated time period;
- 15.3 The Bid security shall be returned to the unsuccessful Bidder after completion of bid evaluation process.
- 15.4 The Bid Security shall be returned to the successful Bidder upon submission of Performance Security or complete delivery of ordered Items/Services/Works and Issuance of taking over/satisfactory certificate by concerned team of ITU.
- 16. Tender Validity**
- The Tender shall have a minimum validity period of **(270) days** from the last date for submission of the Tender. ITU may solicit the Bidder's consent to an extension of the validity period of the Tender. The request and the response thereto shall be made in writing. If the Bidder agrees to extension of validity period of the Tender, the validity period of the Bid Security shall also be suitably extended. The Bidder may refuse extension of validity period of the Tender, without forfeiting the Bid security.
- 17. Modification / Withdrawal of the Tender**
- 17.1 The Bidder may, by written notice served on the Purchaser/ITU, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.
- 17.2 The Tender, withdrawn after the deadline for submission of the Tender and prior to the expiration of the period of the Tender validity, shall result in forfeiture of the Bid Security.

18. Opening of the Tender

- 18.1 Tenders (Technical Bids) shall be opened at 1600 hours on the last date of submission of bids, in the presence of the Bidder(s) for which they shall ensure their presence without further invitation. In case the last date of bid submission falls in / within the official holidays / weekends of the Purchaser, the last date for submission of the bids shall be the next working day.
- 18.2 The Bidder's name, modifications, withdrawal, security, attendance of the Bidder and such other details as the Purchaser may, at its exclusive discretion, consider appropriate, shall be announced and recorded.
- 18.3 No Bidder or its representative will be allowed to keep any digital device (camera, audio recorder, cell phone etc.) during tender opening meeting at given time and location. Non-compliance will cause the rejection of respective bidder.

19. Clarification of the Tender

The Purchaser shall have the right, at his exclusive discretion, to require, in writing, further information or clarification of the Tender, from any or all the Bidder(s). No change in the price or substance of the Tender shall be sought, offered or permitted except as required to confirm the corrections of arithmetical errors discovered in the Tender. Acceptance of any such correction is sole discretion of the purchaser.

20. Determination of Responsiveness of the Bid (Tender)

- 20.1 The Purchaser shall determine the substantial responsiveness of the Tender to the Tender Document, prior to the Tender evaluation, on the basis of the contents of the Tender itself without recourse to extrinsic evidence. A substantially responsive Tender is one which:
 - 20.1.1 meets the eligibility criteria given herein this tender document.
 - 20.1.2 meets the Technical Specifications for the Items/Services/Works;
 - 20.1.3 meets the delivery period / point for the Items/Services/Works.
 - 20.1.4 in compliance with the rate and limit of liquidated damages;
 - 20.1.5 offers fixed price quotations for the Items/Services/Works;
 - 20.1.6 is accompanied by the required Bid Security as part of technical bid envelope;
 - 20.1.7 The original receipt of tender fee submitted, attached with technical bid envelope;
 - 20.1.8 In compliance with the Preparation/Submission of Tender in a manner prescribed in this tender document clause-13;
 - 20.1.9 Conforms to all terms and conditions of the Tender Document, without material deviation or reservation.
- 20.2 A material deviation or reservation is one which affects the scope, quality or performance of the Items / Services / Works or limits the Purchaser's rights or the Bidder's obligations under the Contract.
- 20.3 The Tender determined as not substantially responsive shall not subsequently be made responsive by the Bidder by correction or withdrawal of the material deviation or reservation.

21. Correction of errors / Amendment of Tender

21.1 The Tender shall be checked for any arithmetic errors which shall be rectified, as follows:

21.1.1 if there is a discrepancy between the amount in figures and the amount in words for the Total Tender Price entered in the Tender Form, the amount which tallies with the Total Tender Price entered in the Price Schedule, shall govern.

21.1.2 if there is a discrepancy between the unit rate and the total price entered in the price Schedule, resulting from incorrect multiplication of the unit rate by the quantity, the unit rate as quoted shall govern and the total price shall be corrected, unless there is an obvious and gross misplacement of the decimal point in the unit rate, in which case the total price as quoted shall govern and the unit rate shall be corrected.

21.1.3 if there is a discrepancy in the actual sum of the itemized total prices and the total tender price quoted in the Price Schedule, the actual sum of the itemized total prices shall govern.

21.2 The Tender price as determined after arithmetic corrections shall be termed as the Corrected Total Tender Price which shall be binding upon the Bidder.

21.3 Adjustment shall be based on corrected Tender Prices. The price determined after making such adjustments shall be termed as Evaluated Total Tender Price.

21.4 No credit shall be given for offering delivery period earlier than the specified period.

22. Technical Evaluation Criteria

22.1 The Bidders who have duly complied with the Eligibility/Qualification and Technical Evaluation Criteria will be eligible/responsive for further processing

22.2 The Bids, which do not conform, to the Technical Specifications or Bid conditions or Bids from the Bidders without adequate capabilities to provide Construction Services will be rejected.

22.3 The Technically Responsive/Qualified Bidder(s) will be considered for further evaluation.

22.4 The Technical proposal(s) shall be evaluated by the technical evaluation committee of ITU in the light of following technical evaluation criteria:

Category	Description	Status
Mandatory Compliance	Valid Income Tax Registration with Active status .	Mandatory
	Valid Sales Tax Registration with Active status .	Mandatory
	Valid Professional Tax Certificate .	Mandatory
	Valid Punjab Revenue Authority (PRA) Registration with Active status.	Mandatory
	Active Registration with Pakistan Engineering Council under the required financial Category as determined by the PEC	Mandatory
	Bid Security as per the Clause-15 of this Tender Document.	Mandatory
	Original Receipt of Challan Form for Bidder's Registration.	Mandatory

	Certificate from Bank, certifying sound financial position and credit limit.	Mandatory
	Must be involved in construction/development of similar nature of works for last two (2) years at least (verifiable through relevant Purchase Orders / Contracts / Invoices / Completion Certificates). Works obtained through sublets will not be considered.	Mandatory
	Submission of undertaking and Affidavit on legal valid and attested Stamp Papers that: i) the Bidder (Name of the Firm) is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan. ii) the Bidder (Name of the Firm) shall comply to the specifications of all items/services/works to be procured mentioned vide Annexure-A of this document. iii) the Bidder (Name of the Firm) shall comply to the Terms & Conditions mentioned in Tender Document, i.e. All terms & conditions and qualification requirements listed anywhere in this Tender Document have been satisfactorily vetted. iv) the Bidder (Name of the Firm) shall comply to Delivery/Execution Schedule as per Tender Document. v) Affidavit (Integrity Pact) as per Annexure-H , on stamp paper.	Mandatory
	In case of Joint Venture/Consortium : i) The bidder(s) must submit the copy of the Consortium/JV Agreement entered into by the Partners. ii) Authorization of locally registered firm/company as the Lead Partner/Prime Bidder duly issue/signed by all partners of the JV/Consortium.	Mandatory

Note: Verifiable documentary proof for all above mandatory requirements will be pre-requisite for the evaluation of bids of the bidder(s).

23. Financial Proposal Evaluation

23.1 Technically qualified/responsive Bidder(s) will be called for opening of the Financial Proposal(s). The Financial Proposals will be opened in the presence of the Bidders at the time and venue indicated by the Purchaser accordingly. The technically Responsive/Successful Bidder(s) or their authorized representatives will be allowed to take part in the Financial Proposal opening against their relevant Item(s).

23.2 Financial Proposal evaluation will be conducted under the Punjab Procurement Rules, 2014. The bids Prices will include all duties, taxes and expenses etc. In case of any exemption of duties and taxes given by the Government in favor of the Purchaser, the contractor shall be bound to adjust the same in the Financial Proposal:

23.2.1 In cases of discrepancy between the cost/price quoted in Words and in Figures, the lower of the two will be considered.

23.2.2 In evaluation of the price of an imported item, the price will be determined and considered inclusive of the customs and other import duties etc.;

23.2.3 In evaluation of the price of articles/goods/services, which are subject to excise duty, sales tax, income tax or any other tax or duty levied by the Government, the price will be determined and considered inclusive of such duties and taxes.

23.3 The Purchaser will not be responsible for any erroneous calculation of taxes and all differences arising out as above shall be fully borne by the Successful Bidder. However, any subsequent changes in rates or structure of applicable taxes by the Government at any time during execution/evaluation period will be dealt with mutual consent.

24. Rejection / Acceptance of the Bid

24.1 The Purchaser shall have the right, at his exclusive discretion, to increase / decrease the quantity of any or all item(s)/service(s) without any change in unit prices or other terms and conditions at the time of order placement. The Purchaser may cancel/reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The Purchaser may upon request communicate to any bidder, the grounds for its rejection of all bids or proposals, but shall not be required to justify those grounds. The Purchaser shall incur no liability, solely, by virtue of its invoking sub-rule (1) of Rule-(35) of Punjab Procurement Rules, 2014 towards the bidders. However, bidders shall be promptly informed about the rejection of the bids, if any (As per Rule-(35) of Punjab Procurement Rules, 2014).

24.2 The Tender shall be rejected if it is:

- 24.2.1 substantially non-responsive in a manner prescribed in this tender document clause-20; or
- 24.2.2 submitted in other than prescribed forms, annexes, schedules, charts, drawings, documents / by other than specified mode; or
- 24.2.3 bid not submitted against complete Lot/Item and relevant bid security is not submitted against relevant Lot/Item;
- 24.2.4 incomplete, partial, conditional, alternative, late; or
- 24.2.5 the Bidder refuses to accept the corrected Total Tender Price; or
- 24.2.6 the Bidder has conflict of interest with the Purchaser; or
- 24.2.7 the Bidder tries to influence the Tender evaluation / Contract award; or
- 24.2.8 the Bidder engages in corrupt or fraudulent practices in competing for the Contract award;
- 24.2.9 the Bidder fails to meet all the requirements of Tender Eligibility / Qualification Criteria (Clause-7);
- 24.2.10 the bidder fails to meet the evaluation criteria requirements (clause-22);
- 24.2.11 the bidder has been blacklisted by any public or private sector organization;
- 24.2.12 the bidder has mentioned any financial implication(s) in the financial proposal that is in contradiction to this document and Government rules and regulations.
- 24.2.13 there is any discrepancy between bidding documents and bidder's proposal i.e. any non-conformity or inconsistency or informality or

irregularity in the submitted bid.

24.2.14 the Bidder submits any financial conditions as part of its bid which are not in conformity with tender document.

24.2.15 Non-submission of verifiable proofs against the mandatory as well as general documentary, qualification and eligibility related requirements.

25. Award Criteria

25.1 At first step, responsive bidder(s) as per clause-7, clause-22 of this tender document fulfilling the qualification and technical evaluation criteria against relevant Item(s) will stand technically qualified.

25.1 At second step, technically responsive/qualified bidder(s) will be evaluated in the light of all Pre-Conditions, necessary requisites and the contract shall be awarded in the light of Punjab Procurement Rules, 2014 and fulfilling all codal formalities against relevant Item(s).

26. Acceptance Letter

As per provisions of Rule-55 of Punjab Procurement Rules 2014, the Purchaser shall issue the Acceptance Letter/Work Order to the successful Bidder, at least after 10 days of announcement of bid evaluation reports (Ref: Rule-37 of Punjab Procurement Rules, 2014) and prior to the expiry of the original validity period or extended validity period of the Tender, which shall constitute a contract, until execution of the formal Contract.

27. Performance Security

27.1 The successful Bidder/The Contractor shall furnish Performance Security as under:

27.1.1 Preferably within **twenty (20) days** of the receipt of the Acceptance Letter/Work Order from the Purchaser;

27.1.2 in the form of Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per the format provided in the Tender Document;

27.1.3 for a sum equivalent to **5%** of the contract value;

27.1.4 denominated in Pak Rupees;

27.1.5 The contractor can request to deduct the required amount of the performance security from the running bills/invoices, subject to the approval of the Registrar.

27.1.1 have a minimum validity period until the date of expiry of warranty period, support period or termination of services/Contract, or fulfilment of all obligations under the contract, whichever is later. Performance security shall not be acceptable with any validity less than the prescribed time period.

27.2 The Performance Security shall be payable to the Purchaser, on occurrence of any / all of the following conditions:

27.1.6 If the Contractor commits a default under the Contract;

27.1.7 If the Contractor fails to fulfill the obligations under the Contract;

27.1.8 If the Contractor violates any of the terms and conditions of the Contract.

27.3 The Contractor shall cause the validity period of the performance security to be extended for such period(s) as the contract performance may be extended. The

Performance Security shall be returned to the Contractor within thirty working days after the expiry of its validity on written request from the Contractor.

28. Redressal of grievances by the procuring agency

- 28.1 The procuring agency shall constitute a committee comprising of odd number of persons, with proper powers and authorizations, to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.
- 28.2 Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than ten (10) days after the announcement of the bid evaluation report.
- 28.3 The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.
- 28.4 Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.
- 28.5 Any bidder not satisfied with the decision of the committee of the procuring agency may lodge an appeal in the relevant court of jurisdiction.

DRAFT
TERMS & CONDITIONS OF THE CONTRACT (TENTATIVE)

Contract Title:

**PROCUREMENT OF SERVICES WITH MATERIAL FOR CONSTRUCTION
WORKS AT ITU MAIN CAMPUS, BARKI ROAD**

[Name of Contractor]

Dated:

II. General Conditions of Draft Contract

29. Contract

The Procuring Agency shall, after issuance of Letter of Acceptance/ Work Order send the Contract provided in the Tender Document, to the successful Bidder. Within three working days of the receipt of such Contract, the Bidder shall sign and date the Contract and return it to the Purchaser.

30. Contract Duration

The Contract duration shall be for the period of **one (1) year**, starting from the date of issuance / signing of the Contract till end of complete delivery / deployment of ordered Goods/Material/Works or till end of warranty/support period, whichever is later. The period can be extended for valid reasons subject to approval of the competent authority.

31. Contract Documents and Information

The Contractor shall not, without the Purchaser's prior written consent, make use of the Contract, or any provision thereof, or any document(s), specifications, drawing(s), pattern(s), sample(s) or information furnished by or on behalf of the Purchaser in connection therewith, except for purposes of performing the Contract or disclose the same to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

32. Contract Language

The Contract and all documents relating to the Contract, exchanged between the Contractor and the Purchaser, shall be in English. The Contractor shall bear all costs of translation to English and all risks of the accuracy of such translation.

33. Standards

The Goods/Material/Works delivered and the Services provided under the Contract shall conform to the authoritative latest industry standards.

34. Delivery/ Execution Schedule

- 34.1 The Contractor shall deliver the complete Works required in **Annexure-A** of this tender document within **six (06) months** from the date of issuance of Letter of Acceptance/Work Order. The contract may be extended subject to the approval of the competent authority.
- 34.2 The Contractor shall indicate his delivery approach clearly specifying the requirements of any associated/relevant documentation. The approach shall specify any special constraints such as, security requirements, access arrangement etc. The Contractor shall carry out the required Works at Information Technology University, Main Campus, Barki Road, Lahore.
- 34.3 The Contractor shall ensure that the required Works shall be delivered complete.

If it shall appear to the Client that the services have been or are likely to be delayed by reason of incomplete delivery or for any other reasons, he may require the Contractor at the expense of the Contractor to deliver the missing items/material or suitable replacements thereof by the fastest available means.

- 34.4 The Contractor shall include in the Bid a detailed delivery plan, which shall include support services details, mobilization and personnel scheduling during Construction and the support period. The Contractor shall provide maintenance, supply and procurement support necessary for Client to maintain all the work, at the contracted performance and reliability level. The Contractor shall be responsible to arrange and pay for the deployment of plant, machinery, labors, to the place of destination as specified in the Contract.

35. Taking-Over Certificate

- 35.1 The Contractor shall, by written notice served on the Client with a copy to the Purchaser, apply for a Taking-Over Certificate.
- 35.2 The Client shall, within seven (7) days of receipt of Contractor's application, either issue the Taking-Over Certificate to the Contractor with a copy to the Purchaser, stating the date of successful inspection / testing of the project delivered; or reject the application giving the reasons and specifying the items/services delivered and Works done by the Contractor to enable the Taking-Over Certificate to be issued.
- 35.3 Nothing contained in this document shall, in any way, release the Contractor from any Warranty or other obligations under the Contract.

36. Warranty/Support Services

- 36.1 The Contractor shall warrant that the Works done by the Contractor, under the Contract shall have no defect, arising from design, materials, workmanship or from any act or omission of the Contractor that may develop under normal use of the delivered building.
- 36.2 The Contractor shall provide standard warranty / support for **one (1) year** (hereinafter referred as Warranty Period) after the issuance of Taking-over Certificate in respect of the Works, or any portion thereof, as the case may be, which will include:
- 36.2.1 Free, on site repair / maintenance / support service of disruptive portions/parts, within 48 hours of intimation;
- 36.2.2 The Contractor shall deploy trained workers for Construction Works to ensure smooth functioning of Works during the warranty/support period.
- 36.3 The **Warranty Period** shall start from the **date of delivery of completion of works** and upon **issuance of Taking-Over Certificate**.
- 36.4 The Client shall, by written notice served on the Contractor with a copy to the Purchaser, promptly indicate any claim(s) arising under the warranty.
- 36.5 The Contractor shall, within the prescribed time period, after receipt of such notice, repair or replace the defective / damaged Goods or parts thereof on site, without any cost to the Purchaser.
- 36.6 The end user licenses, end user warranties and end user contracting support services

shall be in the name of Purchaser (Information Technology University of the Punjab), for the Goods supplied and the Services provided, under the Contract.

37. Ownership of Goods and Replaced Components

Goods to be supplied to the Purchaser, pursuant to the Contract, shall become the property of the Purchaser when the Goods are taken over by the Purchaser. Defective components to be replaced by the Contractor, pursuant to the Contract, shall become the property of the Contractor as and where it lies.

38. Defects Liability Expiry Certificate

38.1 The Contractor shall, after expiry of the warranty period, by written notice served on the Client with a copy to the Purchaser, apply for a Defects Liability Expiry Certificate.

38.2 The Client shall, within seven days of receipt of such notice, either issue the Defects Liability Expiry Certificate to the Contractor with a copy to the Purchaser, stating the date of expiry of the Warranty Period for all the Goods supplied and fulfillment of all obligations by the Contractor, under the Contract; or reject the application giving the reasons and specifying the items/services required to be supplied by the Contractor to enable the Defects Liability Expiry Certificate to be issued.

39. Payment

39.1 The Contractor shall provide all necessary supporting documents along with invoices for processing of the payment.

39.2 Phases for Payment for each Lot:

39.2.1 The Contractor shall move all compulsory equipment, machinery and Manpower to the site. The 10% (of total Contract amount) as a mobilization advance shall be made after the certificate issued from Office of Engineering Works.

39.2.2 The Contractor shall submit invoices of upto Rs. 5.00 million of the work done with bill verification certificate obtained from the Office of Engineering Works.

39.2.3 The 15% (of total Contract amount) shall be considered as the final payment and shall be made after successful completion of the project and after issuance of Taking-over Certificate from ITU.

39.3 The Purchaser shall pay the amount verified within thirty (30) days maximum. Purchaser shall make payment for the Works done to the Contractor, as per Government policy, in Pak Rupees, through cross cheque.

39.4 All payments shall be subject to any and all taxes, duties and levies applicable under the laws of Pakistan, for the whole period starting from issuance of Letter of Acceptance/ Work Order till termination of the signed contract in this regard.

40. Price

The Contractor shall not charge prices for the Services provided and for other obligations discharged, under the Contract, varying from the prices quoted by the Contractor in the Price Schedule.

41. Contract Amendment

- 41.1 The Purchaser may at any time, by written notice served to the Contractor, alter or amend the contract for any identified need/requirement in the light of prevailing rules and regulations.
- 41.2 The Contractor shall not execute any Change until and unless the Purchaser has allowed the said Change, by written order served on the Contractor with a copy to the Client.
- 41.3 The Change, mutually agreed upon, shall constitute part of the obligations under this Contract, and the provisions of the Contract shall apply to the said Change.
- 41.4 No variation in or modification in the Contract shall be made, except by written amendment signed by both the Purchaser and the Contractor.

42. Extensions in time for performance of obligations under the Contract

If the Contractor encounters conditions impeding timely performance of any of the obligations, under the Contract, at any time, the Contractor shall, by written notice served on the Purchaser with a copy to the Client, promptly indicate the facts of the delay, its likely duration and its cause(s). As soon as practicable after receipt of such notice, the Purchaser shall evaluate the situation and may, at its exclusive discretion, without prejudice to any other remedy it may have, by written order served on the Contractor with a copy to the Client, extend the Contractor's time for performance of its obligations under the Contract.

43. Liquidated Damages

If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, without prejudice to any other right of action / remedy it may have, deduct as liquidated damages, a sum of money @0.25% of the total Contract Price which is attributable to such part of the Items / the Services, in consequence of the failure / delay, be put to the intended use for every day between the scheduled delivery date(s), with any extension of time thereof granted by the Purchaser, and the actual delivery date(s). Provided that the amount so deducted shall not exceed, in the aggregate, 10% of the Contract Price.

44. Blacklisting

If the Contractor fails / delays in performance of any of the obligations, under the Contract / Letter of Acceptance, violates any of the provisions of the Contract / Letter of Acceptance, commits breach of any of the terms and conditions of the Contract / Letter of Acceptance or found to have engaged in corrupt practices in competing for the award of contract / Letter of Acceptance or during the execution of the contract / Letter of Acceptance, the Purchaser may without prejudice to any other right of action / remedy it may have, blacklist the Contractor, either indefinitely or for a stated period, for future tenders in public sector, as per provision of Punjab Procurement Rules, 2014.

45. Termination for Default

- 45.1 If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, by written notice served on the Contractor with a copy to the Client, indicate the nature of the default(s) and terminate the Contract, in whole or in part, without any compensation to the Contractor. Provided that the termination of the Contract shall be resorted to only if the Contractor does not cure its failure / delay, within fifteen (15) working days (or such longer period as the Client may allow in writing), after receipt of such notice.
- 45.2 If the Purchaser terminates the Contract for default, in whole or in part, the Purchaser may procure, upon such terms and conditions and in such manner as it deems appropriate, Items / Services, similar to those undelivered, and the Contractor shall be liable to the Purchaser for any excess costs for such similar Items / Services. However, the Contractor shall continue performance of the Contract to the extent not terminated.

46. Termination for Insolvency

If the Contractor becomes bankrupt or otherwise insolvent, the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, by written notice served on the Contractor with a copy to the Client, indicate the nature of the insolvency and terminate the Contract, in whole or in part, without any compensation to the Contractor.

47. Termination for Convenience

- 47.1 The Purchaser may, at any time, by written notice served on the Contractor with a copy to the Client, terminate the Contract, in whole or in part, for its convenience, without any compensation to the Contractor.
- 47.2 The Goods and the Services, which are complete or to be completed by the Contractor, within thirty (30) working days after the receipt of such notice, shall be accepted by the Purchaser. For the remaining Items/Services, the Purchaser may elect:
- 47.2.1 to have any portion thereof completed and delivered; and/or
- 47.2.2 to cancel the remainder and pay to the Contractor an agreed amount for partially completed delivery, previously procured by the Contractor for the purpose of the Contract, together with a reasonable allowance for overhead & profit.

48. Force Majeure

- 48.1 For the purpose of this contract "Force Majeure" means an event which is beyond the reasonable control of a party and which makes a party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances, and includes, but is not limited to, War, Riots, Storm, Flood or other industrial actions (except where such strikes, lockouts or other industrial are within the power of the party invoking Force Majeure),

confiscation or any other action by Government agencies. In all disputes between the parties as to matters arising pursuant to this Contract, the dispute be referred for resolution by arbitration under the Pakistan Arbitration Act, 1940, as amended, by one or more arbitrators selected in accordance with said Law. The place for arbitration shall be Lahore, Pakistan. The award shall be final and binding on the parties.

- 48.2 The Contractor shall not be liable for liquidated damages, blacklisting for future tenders, termination for default, if and to the extent his failure / delay in performance / discharge of obligations under the Contract is the result of an event of Force Majeure.
- 48.3 If a Force Majeure situation arises, The Contractor shall, by written notice served on The Purchaser, indicate such condition and the cause thereof. Unless otherwise directed by The Purchaser in writing, The Contractor shall continue to perform under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 48.4 Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or Agents or Employees, nor (ii) any event which a diligent Party could reasonably have been expected to both (A) take into account at the time of the conclusion of this Contract and (B) avoid or overcome in the carrying out of its obligations here under.
- 48.5 Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

49. Dispute Resolution

- 49.1 The Purchaser and the Contractor shall make every effort to amicably resolve, by direct informal negotiation, any disagreement or dispute arising between them under or in connection with the Contract.
- 49.2 If, after thirty working days, from the commencement of such informal negotiations, the Purchaser and the Contractor have been unable to amicably resolve a Contract dispute, either party may, require that the dispute be referred for resolution by arbitration under the Pakistan Arbitration Act, 1940, as amended, by one or more arbitrators selected in accordance with said Law. The place for arbitration shall be Lahore, Pakistan. The award shall be final and binding on the parties.

50. Statutes and Regulations

- 50.1 The Contract shall be governed by and interpreted in accordance with the laws of Pakistan.
- 50.2 The Contractor shall, in all matters arising in the performance of the Contract, conform, in all respects, with the provisions of all Central, Provincial and Local Laws, Statutes, Regulations and By-Laws in force in Pakistan, and shall give all notices and pay all fees required to be given or paid and shall keep the Purchaser indemnified against all penalties and liability of any kind for breach of any of the same.

50.3 The Courts at Lahore shall have the exclusive territorial jurisdiction in respect of any dispute or difference of any kind arising out of or in connection with the Contract.

51. Taxes and Duties

The Contractor shall be entirely responsible for all taxes, duties and other such levies imposed / applicable under the laws of Pakistan, for the whole period starting from issuance of Letter of Acceptance/ Work Order till termination of the signed contract. The Contractor shall also be responsible to make inquiries on income tax / sales tax with the concerned authorities of Income Tax and Sales Tax Department, Government of Pakistan.

52. Contract Cost

The Contractor shall bear all costs / expenses associated with the preparation of the Contract and the Purchaser shall in no case be responsible / liable for those costs / expenses. The successful bidder shall provide legal stamp papers of relevant value according to Govt. rules and regulations for signing of the formal contract.

53. The Client

53.1 The Client shall only carry out such duties and exercise such authority as specified in the Contract. The Client shall have no authority to relieve the Contractor of any of his obligations under the Contract, except as expressly stated in the Contract.

53.2 The Contractor shall proceed with the decisions, instructions or approvals given by the Client in accordance with these Conditions.

53.3 The Client shall conform to all the relevant clauses of this Tender Document to carry out all responsibilities assigned thereto in a timely manner.

54. Authorized Representative

54.1 The Purchaser, the Client or the Contractor may, at their exclusive discretion, appoint their Authorized Representative and may, from time to time, delegate any / all of the duties / authority, vested in them, to their authorized Representative(s), including but not limited to, signing on their behalf to legally bind them, and may, at any time, revoke such delegation.

54.2 The Authorized Representative shall only carry out such duties and exercise such authority as may be delegated to him, by the Purchaser, the Client or the Contractor.

54.3 Any such delegation or revocation shall be in writing and shall not take effect until notified to the other parties to the Contract.

54.4 Any decision, instruction or approval given by the Authorized Representative, in accordance with such delegation, shall have the same effect as though it had been given by the Principal.

54.5 Any failure of the Authorized Representative to disapprove any Items or Services shall not prejudice the right of the Client to disapprove such Items or Services and to give instructions for the rectification thereof.

54.6 If the Contractor questions any decision or instruction of the Authorized Representative of the Purchaser / the Client, the Contractor may refer the matter to the Purchaser / the Client who shall confirm, reverse or vary such decision or instruction.

55. Waiver

Failure of either party to insist upon strict performance of the obligations of the other party, under the Contract, shall in no way be deemed or construed to affect in any way the right of that party to require such performance.

56. Documentation

The Contractor shall furnish the deployment, configuration and customization guides, user and administrator keys/manuals, maintenance and support manuals for each appropriate unit of the delivered Items/Services and other information pertaining to the performance of the material/services done, in hard copy format, in soft copy format and in the form of on-line help, before the Services are taken over by the Purchaser.

57. Special Stipulations

SCHEDULE-A, SPECIAL STIPULATIONS	
For ease of Reference, certain special stipulations are as under:	
Bid Security (Earnest Money)	<p>The bid security amount has been calculated and demanded on estimated price as per provision of Rule-27 "Bid Security" of PPRA Rules, 2014 (i.e. not exceeding five percent of the estimated cost), the Tenderer shall furnish the Bid Security (Earnest Money, separately for each lot) as under: for a sum of PKR. 900,000/- for Lot No. 1, PKR 700,000 for Lot No. 2, PKR 900,000/- for Lot No. 3, PKR 700,000 for Lot No. 4.</p> <p>in the form of Demand Draft / Pay Order / Call Deposit Receipt, in the name of the Purchaser, denominated in Pak Rupees; Have a minimum validity period of one twenty (120) days from the last date for submission of the Tender.</p>
Delivery / Execution Schedule	<p>The Contractor shall deliver the complete Items/Material/Services and Works required in Annexure-A of this tender document within six (06) months from the date of issuance of Letter of Acceptance/Work Order.</p>
Performance Security	<p>The successful Contractor shall furnish Performance Security as under: Preferably within twenty (20) days of the receipt of the Acceptance Letter from the Purchaser; in the form of a Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per the format provided in the Tender Document; for a sum equivalent to 5% of the total contract value; denominated in Pak Rupees; Have a minimum validity period until the date of expiry of warranty, support period or termination of services, or fulfilment of all obligations under the contract whichever is later. Performance security shall not be acceptable with any validity less than the prescribed time period.</p>
Liquidated damages for failure / delay in supply of Items/ Services by the Contractor	<p>If the Contractor fails / delays in performance of any of the obligations, under the Contract / Letter of Acceptance, violates any of the provisions of the Contract / Letter of Acceptance, commits breach of any of the terms and conditions of the Contract/ Letter of Acceptance, the Purchaser may, without prejudice to any other right of action / remedy it may have, deduct from the Contract Price, as liquidated damages, a sum of money @0.25% of the total Contract Price which is attributable to such part of the Items/ Services, in consequence of the failure / delay, be put to the intended use, for every day between the scheduled delivery date(s), with any extension of time thereof granted by the Purchaser, and the actual delivery date(s). Provided that the amount so deducted shall not exceed, in the aggregate, 10% of the Contract Price.</p>

LOT # 1**DETAILED REQUIREMENT OF WORKS FOR HOSTLE – 1**

Item No	Description	Unit	QTY	Offered Specifications of Material/Services/ Works
1	Excavation, Back Filling & Lean Concrete			
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174	
2	Anti Termite Treatment			
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774	
3	Back fill			
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	17,000	
4	Brick Blast			
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500	
5	Brick Work			
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.			
5.2	Brickwork 9" thick in Super Structure	Cft	11,700	

5.3	Brickwork 4-1/2" thick in 1:4 cement sand mortar	Cft	2,429	
6	Concrete			
6.1	Slab, Beams, Stair, Window Shed, Lintle & Footing Concrete (1:2:4)	Cft	4,300	
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150	
6.3	Columns Concrete (1:1.5:3)	Cft	935	
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350	
7	Plaster Work			
7.1	Providing and applying 1/2" to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	26,500	
8	Paint Work			
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.			
8.2	Inner side plastic emulsion paint	Sft	13,297	
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.			
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203	
9	Plaster of Paris Ceiling			
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208	
10	Marble			
10.1	Satir Steps and landing Tropical Granite	Sft	440	
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	5,500	
10.3	Marble skirting	Rft	1,112	
11	Steel			

11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	10.5	
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.			
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488	
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fasts , duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334	
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting assisres as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11	
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1	
13	Aluminum Windows & Ventilators			
13.1	Provide Aluminum Standard, Chawla,Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealent both inside and outside, etc.Including 1 Mesh panel in every windows, fixing,fittings and all necessary accessories as per specifications of the Engineer incharge.			
13.2	Window Sizes (5'X6') (3Nos)	Sft	180	

13.3	Window Sizes (4'X6') (2 Nos)	Sft	96	
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18	
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8	
14	Windows Safety Grill			
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.			
14.2	Window Sizes (5'X6')	Sft	180	
14.3	Window Sizes (4'X6')	Sft	96	
14.4	Ventilator Size(1.5'x3')	Sft	18	
14.5	Ventilator Size(1'x2')	Sft	-	
15	Stainless Steel Hand Railing			
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Square pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75	
16	RCC Slab Waterproofing			
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100	
17	C.C KHURRAH			
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4	
1	ELECTRICAL WORK			
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16	

3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30	
4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8	
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5	
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes,pull boxes,cutting jharries,and repairing surface etc.complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400	
7	Provide Three Phase DBs (16 Guage) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2	
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90	
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20	
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmotate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2	
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8	
12	Main Ac points in every room and Rooms Board and switches for rooms lights,fan& Ac. Etc.	Nos	60	
13	Main Ac Board,Rooms Boards best quality with socket,switches and buttons	Nos	40	
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16	
<u>1</u>	<u>PLUMBING WORK</u>			
1.1	WATER DISTRIBUTION SYSTEM			
	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.			

1.2	32mm i/d	Rft	150.00	
1.3	25mm i/d	Rft	260.00	
2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.			
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00	
3	SEWAGE DRAINAGE SYSTEM			
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.			
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00	
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00	
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00	
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00	
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.			
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00	
4	FITINGS AND FIXTURES			
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.			
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00	
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00	
4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin, waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer			
4.4	Vanity Type Wash Basins	Each	9.00	
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.			

4.6	Wash Basin Mixture	Each	9.00	
4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.			
4.8	Muslim Shower	Each	9.00	
5	EXTERNAL SEWAGE DRAINAGE SYSTEM			
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.			
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00	
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.			
5.3	Gully Trap	Each	2.00	
6	Septic Tank			
6.1	Providing and constructing of Reinforced cement concrete with minimum cube strength of 3000 psi at 28 days using 3/4" maximum nominal size graded segodha crushed stone aggregate and clean sand , including the cost of, water stopper, Septic Tank of following capacities with manhole covers, cowed vent, inlet and outlet pipework. Water tank shall be provided with terrazzo finish from inside on walls and base slab. Location and size of Tanks shown on drawings, complete in all respect.(Excluding Steel)	Gallon	14,000.00	
7	Soakage Pit			
7.1	Providing and constructing of brick masonry soakage pit for disposal of waste water, complete with excavation, disposal of mud, fine sand gravel is spread across the bottom to help disperse the flow, cement sand plaster in side manhole covers, cowed vent, inlet and outlet pipe work. Complete in all respects.	Job	2.00	
8	Over Head Tank			
8.1	Water Tankies 500 Gallon with necessary Fitting and installation	2	2.00	
9	TOILET AND BATH ACCESSORIES			
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.			
9.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00	
10	VANITY MIRRORS			
10.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00	
NOTE:				

i.	The bidder(s) must submit their bid against complete scope of each lot as required.
ii.	Dully filled, signed and stamped technical specifications sheet with Technical Offer/BOQ clearly mentioning the offered Technical specifications, along with complete detail of items/services/works to be delivered.
iii.	The bidder(s) may discuss or clarify the drawings/charts from the Resident Engineer of ITU before submission of bid / proposal against above given Items/Services/Works.
iv.	All the Construction Works should be done by the professional, experienced and dedicated resources.
v.	Annexure-A / Specifications are duly made, checked and verified by the concerned Team/ Department.

Lot # 2

DETAILED REQUIREMENT OF WORKS FOR HOSTLE - 2

Item No	Description	Unit	QTY	Offered Specifications of Material/Services/ Works
1	Excavation, Back Filling & Lean Concrete			
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174	
2	Anti Termite Treatment			
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774	
3	Back fill			
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	13,000	
4	Brick Blast			
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500	

5	Brick Work			
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.			
5.2	Brickwork 9" thick in Super Structure	Cft	10,700	
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429	
6	Concrete			
6.1	Slab, Beams,Stair, Window Shed ,Lintle & Footing Concrete (1:2:4)	Cft	3,600	
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150	
6.3	Columns Concrete (1:1.5:3)	Cft	935	
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350	
7	Plaster Work			
7.1	Providing and applying 1/2"to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	20,500	
8	Paint Work			
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.			
8.2	Inner side plastic emulsion paint	Sft	13,297	
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.			
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203	
9	Plaster of Paris Ceiling			
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc.,	Sft	3,208	

	complete in all respects and to the direction of the Engineer.			
10	Marble			
10.1	Satir Steps and landing Tropical Granite	Sft	440	
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	4,500	
10.3	Marble skirting	Rft	1,112	
11	Steel			
11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	8.5	
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.			
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488	
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fast, duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334	
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting assisres as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11	
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1	
13	Aluminum Windows & Ventilators			

13.1	Provide Aluminum Standard, Chawla, Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealant both inside and outside, etc. Including 1 Mesh panel in every windows, fixing, fittings and all necessary accessories as per specifications of the Engineer incharge.			
13.2	Window Sizes (5'X6') (3Nos)	Sft	180	
13.3	Window Sizes (4'X6') (2 Nos)	Sft	96	
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18	
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8	
14	Windows Safety Grill			
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.			
14.2	Window Sizes (5'X6')	Sft	180	
14.3	Window Sizes (4'X6')	Sft	96	
14.4	Ventilator Size(1.5'x3')	Sft	18	
14.5	Ventilator Size(1'x2')	Sft	-	
15	Stainless Steel Hand Railing			
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Square pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75	
16	RCC Slab Waterproofing			
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100	
17	C.C KHURRAH			

17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4	
1	ELECTRICAL WORK			
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16	
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30	
4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8	
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5	
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes,pull boxes,cutting jharries,and repairing surface etc.complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400	
7	Provide Three Phase DBs (16 Guage) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2	
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90	
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20	
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmostate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2	
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8	
12	Main Ac points in every room and Rooms Board and switches for rooms lights,fan& Ac. Etc.	Nos	60	
13	Main Ac Board,Rooms Boards best quality with socket,switches and buttons	Nos	40	
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16	
1	PLUMBING WORK			
1.1	WATER DISTRIBUTION SYSTEM			

	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.			
1.2	32mm i/d	Rft	150.00	
1.3	25mm i/d	Rft	260.00	
2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.			
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00	
3	SEWAGE DRAINAGE SYSTEM			
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.			
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00	
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00	
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00	
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00	
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.			
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00	
4	FITINGS AND FIXTURES			
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.			
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00	
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00	

4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin,waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer			
4.4	Vanity Type Wash Basins	Each	9.00	
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.			
4.6	Wash Basin Mixture	Each	9.00	
4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.			
4.8	Muslim Shower	Each	9.00	
5	EXTERNAL SEWAGE DRAINAGE SYSTEM			
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.			
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00	
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.			
5.3	Gully Trap	Each	2.00	
6	TOILET AND BATH ACCESSORIES			
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.			
6.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00	
7	VANITY MIRRORS			
7.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00	

NOTE:

i.	The bidder(s) must submit their bid against complete scope of each lot as required.
ii.	Dully filled, signed and stamped technical specifications sheet with Technical Offer/BOQ clearly mentioning the offered Technical specifications, along with complete detail of items/services/works to be delivered.
iii.	The bidder(s) may discuss or clarify the drawings/charts from the Resident Engineer of ITU before submission of bid / proposal against above given Items/Services/Works.
iv.	All the Construction Works should be done by the professional, experienced and dedicated resources.
v.	Annexure-A / Specifications are duly made, checked and verified by the concerned Team/ Department.

Lot # 3

DETAILED REQUIREMENT OF WORKS FOR HOSTLE – 3

Item No	Description	Unit	QTY	Offered Specifications of Material/Services/ Works
1	Excavation, Back Filling & Lean Concrete			
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174	
2	Anti Termite Treatment			
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774	
3	Back fill			
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	16,000	
4	Brick Blast			
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500	
5	Brick Work			
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.			
5.2	Brickwork 9" thick in Super Structure	Cft	11,700	
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429	
6	Concrete			

6.1	Slab, Beams, Stair, Window Shed, Lintle & Footing Concrete (1:2:4)	Cft	4,300	
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150	
6.3	Columns Concrete (1:1.5:3)	Cft	935	
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350	
7	Plaster Work			
7.1	Providing and applying 1/2" to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	25,500	
8	Paint Work			
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.			
8.2	Inner side plastic emulsion paint	Sft	13,297	
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.			
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203	
9	Plaster of Paris Ceiling			
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208	
10	Marble			
10.1	Satir Steps and landing Tropical Granite	Sft	440	
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	4,900	
10.3	Marble skirting	Rft	1,112	
11	Steel			

11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	10.5	
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquer polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.			
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488	
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fasts , duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334	
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting assisres as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11	
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1	
13	Aluminum Windows & Ventilators			
13.1	Provide Aluminum Standard, Chawla,Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealent both inside and outside, etc.Including 1 Mesh panel in every windows, fixing,fittings and all necessary accessories as per specifications of the Engineer incharge.			
13.2	Window Sizes (5'X6') (3Nos)	Sft	180	

13.3	Window Sizes (4'X6') (2 Nos)	Sft	96	
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18	
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8	
14	Windows Safety Grill			
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.			
14.2	Window Sizes (5'X6')	Sft	180	
14.3	Window Sizes (4'X6')	Sft	96	
14.4	Ventilator Size(1.5'x3')	Sft	18	
14.5	Ventilator Size(1'x2')	Sft	-	
15	Stainless Steel Hand Railing			
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Square pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75	
16	RCC Slab Waterproofing			
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100	
17	C.C KHURRAH			
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4	
1	ELECTRICAL WORK			
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16	
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30	

4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8	
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5	
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes,pull boxes,cutting jharries,and repairing surface etc.complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400	
7	Provide Three Phase DBs (16 Guage) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2	
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90	
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20	
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmstate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2	
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8	
12	Main Ac points in every room and Rooms Board and switches for rooms lights,fan& Ac. Etc.	Nos	60	
13	Main Ac Board,Rooms Boards best quality with socket,switches and buttons	Nos	40	
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16	
1	<u>PLUMBING WORK</u>			
1.1	WATER DISTRIBUTION SYSTEM			
	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.			
1.2	32mm i/d	Rft	150.00	
1.3	25mm i/d	Rft	260.00	

2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.			
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00	
3	SEWAGE DRAINAGE SYSTEM			
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.			
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00	
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00	
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00	
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00	
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.			
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00	
4	FITINGS AND FIXTURES			
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.			
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00	
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00	
4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin, waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer			
4.4	Vanity Type Wash Basins	Each	9.00	
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.			
4.6	Wash Basin Mixture	Each	9.00	

4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.			
4.8	Muslim Shower	Each	9.00	
5	EXTERNAL SEWAGE DRAINAGE SYSTEM			
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.			
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00	
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.			
5.3	Gully Trap	Each	2.00	
6	Septic Tank			
6.1	Providing and constructing of Reinforced cement concrete with minimum cube strength of 3000 psi at 28 days using 3/4" maximum nominal size graded segodha crushed stone aggregate and clean sand , including the cost of, water stopper, Septic Tank of following capacities with manhole covers, cowled vent, inlet and outlet pipework. Water tank shall be provided with terrazzo finish from inside on walls and base slab. Location and size of Tanks shown on drawings, complete in all respect.(Excluding Steel)	Gallon	14,000.00	
7	Soakage Pit			
7.1	Providing and constructing of brick masonry soakage pit for disposal of waste water, complete with excavation, disposal of mud, fine sand gravel is spread across the bottom to help disperse the flow, cement sand plaster in side manhole covers, cowed vent, inlet and outlet pipe work. Complete in all respects.	Job	2.00	
8	Over Head Tank			
8.1	Water Tankies 500 Gallon with necessary Fitting and installation	2	2.00	
9	TOILET AND BATH ACCESSORIES			
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.			
9.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00	
10	VANITY MIRRORS			
10.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00	
NOTE:				
i.	The bidder(s) must submit their bid against complete scope of each lot as required.			

ii.	Dully filled, signed and stamped technical specifications sheet with Technical Offer/BOQ clearly mentioning the offered Technical specifications, along with complete detail of items/services/works to be delivered.
iii.	The bidder(s) may discuss or clarify the drawings/charts from the Resident Engineer of ITU before submission of bid / proposal against above given Items/Services/Works.
iv.	All the Construction Works should be done by the professional, experienced and dedicated resources.
v.	Annexure-A / Specifications are duly made, checked and verified by the concerned Team/ Department.

Lot # 4

DETAILED REQUIREMENT OF WORKS FOR HOSTLE – 4

Item No	Description	Unit	QTY	Offered Specifications of Material/Services/ Works
1	Excavation, Back Filling & Lean Concrete			
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174	
2	Anti Termite Treatment			
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774	
3	Back fill			
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	15,000	
4	Brick Blast			
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500	
5	Brick Work			

5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.			
5.2	Brickwork 9" thick in Super Structure	Cft	10,700	
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429	
6	Concrete			
6.1	Slab, Beams, Stair, Window Shed ,Lintle & Footing Concrete (1:2:4)	Cft	3,600	
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150	
6.3	Columns Concrete (1:1.5:3)	Cft	935	
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350	
7	Plaster Work			
7.1	Providing and applying 1/2" to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	21,500	
8	Paint Work			
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.			
8.2	Inner side plastic emulsion paint	Sft	13,297	
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.			
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203	
9	Plaster of Paris Ceiling			
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208	

10	Marble			
10.1	Satir Steps and landing Tropical Granite	Sft	440	
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	4,800	
10.3	Marble skirting	Rft	1,112	
11	Steel			
11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	8.5	
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.			
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488	
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fasts , duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334	
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting assisres as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11	
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1	
13	Aluminum Windows & Ventilators			

13.1	Provide Aluminum Standard, Chawla, Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealant both inside and outside, etc. Including 1 Mesh panel in every windows, fixing, fittings and all necessary accessories as per specifications of the Engineer incharge.			
13.2	Window Sizes (5'X6') (3Nos)	Sft	180	
13.3	Window Sizes (4'X6') (2 Nos)	Sft	96	
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18	
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8	
14	Windows Safety Grill			
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.			
14.2	Window Sizes (5'X6')	Sft	180	
14.3	Window Sizes (4'X6')	Sft	96	
14.4	Ventilator Size(1.5'x3')	Sft	18	
14.5	Ventilator Size(1'x2')	Sft	-	
15	Stainless Steel Hand Railing			
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Square pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainless steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75	
16	RCC Slab Waterproofing			
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100	
17	C.C KHURRAH			
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4	

1	ELECTRICAL WORK			
	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)			
1				
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16	
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30	
4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8	
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5	
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes,pull boxes,cutting jharries,and repairing surface etc.complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400	
7	Provide Three Phase DBs (16 Guage) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2	
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90	
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20	
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmostate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2	
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8	
12	Main Ac points in every room and Rooms Board and switches for rooms lights,fan& Ac. Etc.	Nos	60	
13	Main Ac Board,Rooms Boards best quality with socket,switches and buttons	Nos	40	
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16	
<u>1</u>	<u>PLUMBING WORK</u>			
1.1	WATER DISTRIBUTION SYSTEM			

	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.			
1.2	32mm i/d	Rft	150.00	
1.3	25mm i/d	Rft	260.00	
2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.			
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00	
3	SEWAGE DRAINAGE SYSTEM			
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.			
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00	
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00	
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00	
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00	
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.			
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00	
4	FITINGS AND FIXTURES			
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.			
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00	
	Indian Type Water Cloisit with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00	

4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin,waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer			
4.4	Vanity Type Wash Basins	Each	9.00	
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.			
4.6	Wash Basin Mixture	Each	9.00	
4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.			
4.8	Muslim Shower	Each	9.00	
5	EXTERNAL SEWAGE DRAINAGE SYSTEM			
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.			
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00	
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.			
5.3	Gully Trap	Each	2.00	
6	TOILET AND BATH ACCESSORIES			
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.			
6.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00	
7	VANITY MIRRORS			
7.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00	

NOTE:

i.	The bidder(s) must submit their bid against complete scope of each lot as required.
ii.	Dully filled, signed and stamped technical specifications sheet with Technical Offer/BOQ clearly mentioning the offered Technical specifications, along with complete detail of items/services/works to be delivered.
iii.	The bidder(s) may discuss or clarify the drawings/charts from the Resident Engineer of ITU before submission of bid / proposal against above given Items/Services/Works.
iv.	All the Construction Works should be done by the professional, experienced and dedicated resources.

v.	Annexure-A / Specifications are duly made, checked and verified by the concerned Team/ Department.
----	--

FORMS & OTHER REQUIRED DOCUMENTS

TECHNICAL PROPOSAL SUBMISSION FORM

[Location, Date]

To (Name and address of Client / Purchaser)

Dear Sir,

We, the undersigned, offer to provide the_(insert title of assignment)_ in accordance with your Request for Proposal/Tender Document No._____dated _(insert date)_ and our Proposal. We are hereby submitting our Proposal, which includes the Technical Proposal and the Financial Proposal sealed in two separate envelopes.

We undertake, if our Proposal is accepted, to provide supply of _____related to the assignment.

Our Proposal shall be binding upon us up to expiration of the validity period of the Proposal, i.e. before the date indicated in _____ of the Proposal Data Sheet.

We also confirm that the Government of Pakistan / Punjab has not declared us, or any, 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 we are aware of the relevant provisions of the Proposal Document.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature (Original)

(In full and initials)

Name and Designation of Signatory

Name of Firm

Address

ANNEXURE-C

Financial Proposal Submission Form (Part of Financial Bid Envelope)

[Location, Date]

To _(Name and address of Client / Purchaser)_

Dear Sir,

We, the undersigned, offer to provide the _(Insert title of assignment)_ in accordance with your Request for Proposal No._____ dated _(insert date)_ and our Technical Proposal. Our attached Financial Proposal is for the sum of _(insert amount in words and figures)_. This amount is inclusive of all taxes.

Our Financial Proposal shall be binding upon us up to expiration of the validity period of the Proposal, i.e. before the date indicated in _____ of the Proposal Data Sheet.

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 Proposal Document.

We understand you are not bound to accept any Proposal you receive.

Signed

In the capacity of:

Duly authorized to sign the proposal on behalf of the Applicant.

Date:

Lot # 1**Price Schedule/ Financial Cost Sheet for Hostel – 1**

Item No	Description	Unit	QTY (1)	Unit Rate (Incl. all taxes, duties, freight, etc.) Rs. (2)	Total cost (Incl. all taxes, duties, freight, etc.) Rs. 3=(1x2)
1	Excavation, Back Filling & Lean Concrete				
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174		
2	Anti Termite Treatment				
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774		
3	Back fill				
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	17,000		
4	Brick Blast				
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500		
5	Brick Work				
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.				
5.2	Brickwork 9" thick in Super Structure	Cft	11,700		
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429		

6	Concrete				
6.1	Slab, Beams, Stair, Window Shed ,Lintle & Footing Concrete (1:2:4)	Cft	4,300		
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150		
6.3	Columns Concrete (1:1.5:3)	Cft	935		
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350		
7	Plaster Work				
7.1	Providing and applying 1/2" to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	26,500		
8	Paint Work				
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.				
8.2	Inner side plastic emulsion paint	Sft	13,297		
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.				
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203		
9	Plaster of Paris Ceiling				
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208		
10	Marble				
10.1	Stair Steps and landing Tropical Granite	Sft	440		
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	5,500		
10.3	Marble skirting	Rft	1,112		
11	Steel				
11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel	Ton	10.5		

	reinforcement will be carried out as per specifications at Contractor's cost.				
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.				
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488		
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fasts , duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334		
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting accessories as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11		
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1		
13	Aluminum Windows & Ventilators				
13.1	Provide Aluminum Standard, Chawla, Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealent both inside and outside, etc. Including 1 Mesh panel in every windows, fixing, fittings and all necessary accessories as per specifications of the Engineer incharge.				
13.2	Window Sizes (5'X6') (3Nos)	Sft	180		
13.3	Window Sizes (4'X6') (2 Nos)	Sft	96		
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18		
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8		

14	Windows Safety Grill				
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.				
14.2	Window Sizes (5'X6')	Sft	180		
14.3	Window Sizes (4'X6')	Sft	96		
14.4	Ventilator Size(1.5'x3')	Sft	18		
14.5	Ventilator Size(1'x2')	Sft	-		
15	<u>Stainless Steel Hand Railing</u>				
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75		
16	<u>RCC Slab Waterproofing</u>				
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100		
17	<u>C.C KHURRAH</u>				
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4		
1	ELECTRICAL WORK				
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16		
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30		

4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8		
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5		
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes, pull, boxes, cutting jharries, and repairing surface etc. complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400		
7	Provide Three Phase DBs (16 Gauge) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2		
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90		
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20		
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmostate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2		
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8		
12	Main Ac points in every room and Rooms Board and switches for rooms lights, fan& Ac. Etc.	Nos	60		
13	Main Ac Board, Rooms Boards best quality with socket, switches and buttons	Nos	40		
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16		
<u>1</u>	<u>PLUMBING WORK</u>	-	-	-	
1.1	WATER DISTRIBUTION SYSTEM				
	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.				
1.2	32mm i/d	Rft	150.00		
1.3	25mm i/d	Rft	260.00		

2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.				
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00		
3	SEWAGE DRAINAGE SYSTEM				
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.				
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00		
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00		
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00		
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00		
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.				
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00		
4	FITINGS AND FIXTURES				
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.				
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00		
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00		
4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin, waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer				
4.4	Vanity Type Wash Basins	Each	9.00		
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.				
4.6	Wash Basin Mixture	Each	9.00		

4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.				
4.8	Muslim Shower	Each	9.00		
5	EXTERNAL SEWAGE DRAINAGE SYSTEM				
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.				
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00		
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.				
5.3	Gully Trap	Each	2.00		
6	Septic Tank				
6.1	Providing and constructing of Reinforced cement concrete with minimum cube strength of 3000 psi at 28 days using 3/4" maximum nominal size graded segodha crushed stone aggregate and clean sand , including the cost of, water stoper, Septic Tank of following capacities with manhole covers, cowed vent, inlet and outlet pipework. Water tank shall be provided with terrazzo finish from inside on walls and base slab. Location and size of Tanks shown on drawings, complete in all respect.(Excluding Steel)	Gallon	14,000.00		
7	Soakage Pit				
7.1	Providing and constructing of brick masonry soakage pit for disposal of waste water, complete with excavation, disposal of mud, fine sand gravel is spread across the bottom to help disperse the flow, cement sand plaster in side manhole covers, cowed vent, inlet and outlet pipe work. Complete in all respects.	Job	2.00		
8	Over Head Tank				
8.1	Water Tankies 500 Gallon with necessary Fitting and installation	2	2.00		
9	TOILET AND BATH ACCESSORIES				
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.				
9.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00		
10	VANITY MIRRORS				
10.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00		
	Total bid cost (including all taxes)				X

Notes to Price Table:

- i. "X" will determine the total bid cost against the complete works (service/labor & Material) mentioned above.

- ii. Prices may be quoted for complete works (services/labor & material) as prescribed above.
- iii. Prices must be included with all applicable Taxes/duties, Freight/Transportation, Labor cost, Preparation of Site, Contingencies and any other cost not mentioned here.
- iv. The Purchaser reserves exclusive rights to increase or decrease the quantity of works without any change in unit price and other terms and conditions.

Total Cost (in words) Rs. _____

Date _____

Signature of authorized person

Name:

(Company Seal)

In the capacity of
Dully authority by

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

Lot # 2

Price Schedule/ Financial Cost Sheet for Hostel – 2

Item No	Description	Unit	QTY (1)	Unit Rate (Incl. all taxes, duties, freight, etc.) Rs. (2)	Total cost (Incl. all taxes, duties, freight, etc.) Rs. 3=(1x2)
1	Excavation, Back Filling & Lean Concrete				
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174		
2	Anti Termite Treatment				
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774		
3	Back fill				

3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	13,000		
4	Brick Blast				
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500		
5	Brick Work				
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.				
5.2	Brickwork 9" thick in Super Structure	Cft	10,700		
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429		
6	Concrete				
6.1	Slab, Beams, Stair, Window Shed ,Lintle & Footing Concrete (1:2:4)	Cft	3,600		
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150		
6.3	Columns Concrete (1:1.5:3)	Cft	935		
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350		
7	Plaster Work				
7.1	Providing and applying 1/2"to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	20,500		
8	Paint Work				
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.				
8.2	Inner side plastic emulsion paint	Sft	13,297		
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.				
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203		

9	Plaster of Paris Ceiling				
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208		
10	Marble				
10.1	Stair Steps and landing Tropical Granite	Sft	440		
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	4,500		
10.3	Marble skirting	Rft	1,112		
11	Steel				
11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	8.5		
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquer polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.				
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488		
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fasts , duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334		
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting accessories as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11		
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1		

13	Aluminum Windows & Ventilators				
13.1	Provide Aluminum Standard, Chawla, Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealant both inside and outside, etc. Including 1 Mesh panel in every windows, fixing, fittings and all necessary accessories as per specifications of the Engineer incharge.				
13.2	Window Sizes (5'X6') (3Nos)	Sft	180		
13.3	Window Sizes (4'X6') (2 Nos)	Sft	96		
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18		
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8		
14	Windows Safety Grill				
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.				
14.2	Window Sizes (5'X6')	Sft	180		
14.3	Window Sizes (4'X6')	Sft	96		
14.4	Ventilator Size(1.5'x3')	Sft	18		
14.5	Ventilator Size(1'x2')	Sft	-		
15	Stainless Steel Hand Railing				
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75		
16	RCC Slab Waterproofing				
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing,	Sft	2,100		

	specifications complete in all respect and to the direction of the Engineer				
17	<u>C.C KHURRAH</u>				
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4		
1	ELECTRICAL WORK				
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16		
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30		
4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8		
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5		
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes, pull, boxes, cutting jharries, and repairing surface etc. complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400		
7	Provide Three Phase DBs (16 Gauge) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2		
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90		
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20		
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmotate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2		
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8		
12	Main Ac points in every room and Rooms Board and switches for rooms lights, fan& Ac. Etc.	Nos	60		
13	Main Ac Board, Rooms Boards best quality with socket, switches and buttons	Nos	40		
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16		

1	<u>PLUMBING WORK</u>	-	-	-	
1.1	WATER DISTRIBUTION SYSTEM				
	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.				
1.2	32mm i/d	Rft	150.00		
1.3	25mm i/d	Rft	260.00		
2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.				
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00		
3	SEWAGE DRAINAGE SYSTEM				
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.				
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00		
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00		
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00		
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00		
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.				
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00		
4	FITINGS AND FIXTURES				
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.				

4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00		
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00		
4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin, waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer				
4.4	Vanity Type Wash Basins	Each	9.00		
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.				
4.6	Wash Basin Mixture	Each	9.00		
4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.				
4.8	Muslim Shower	Each	9.00		
5	EXTERNAL SEWAGE DRAINAGE SYSTEM				
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.				
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00		
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.				
5.3	Gully Trap	Each	2.00		
6	TOILET AND BATH ACCESSORIES				
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.				
6.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00		
7	VANITY MIRRORS				
7.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00		
	Total bid cost (including all taxes)				X

Notes to Price Table:

- i. "X" will determine the total bid cost against the complete works (service/labor & Material) mentioned above.

- ii. Prices may be quoted for complete works (services/labor & material) as prescribed above.
- iii. Prices must be included with all applicable Taxes/duties, Freight/Transportation, Labor cost, Preparation of Site, Contingencies and any other cost not mentioned here.
- iv. The Purchaser reserves exclusive rights to increase or decrease the quantity of works without any change in unit price and other terms and conditions.

Total Cost (in words) Rs. _____

Date _____

Signature of authorized person

Name:

(Company Seal)

In the capacity of
Dully authority by

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

Lot # 3

Price Schedule/ Financial Cost Sheet for Hostel – 3

Item No	Description	Unit	QTY (1)	Unit Rate (Incl. all taxes, duties, freight, etc.) Rs. (2)	Total cost (Incl. all taxes, duties, freight, etc.) Rs. 3=(1x2)
1	Excavation, Back Filling & Lean Concrete				
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174		
2	<u>Anti Termite Treatment</u>				
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works,	Sft	5,774		

	complete in all respects and to the direction of the Engineer.				
3	Back fill				
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	16,000		
4	Brick Blast				
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500		
5	Brick Work				
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.				
5.2	Brickwork 9" thick in Super Structure	Cft	11,700		
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429		
6	Concrete				
6.1	Slab, Beams, Stair, Window Shed ,Lintle & Footing Concrete (1:2:4)	Cft	4,300		
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150		
6.3	Columns Concrete (1:1.5:3)	Cft	935		
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350		
7	Plaster Work				
7.1	Providing and applying 1/2"to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	25,500		
8	Paint Work				
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.				

8.2	Inner side plastic emulsion paint	Sft	13,297		
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.				
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203		
9	Plaster of Paris Ceiling				
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208		
10	Marble				
10.1	Stair Steps and landing Tropical Granite	Sft	440		
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	4,900		
10.3	Marble skirting	Rft	1,112		
11	Steel				
11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFco. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	10.5		
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.				
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488		
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fast, duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334		

12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting accessories as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11		
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1		
13	Aluminum Windows & Ventilators				
13.1	Provide Aluminum Standard, Chawla, Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealant both inside and outside, etc. Including 1 Mesh panel in every windows, fixing, fittings and all necessary accessories as per specifications of the Engineer incharge.				
13.2	Window Sizes (5'X6') (3Nos)	Sft	180		
13.3	Window Sizes (4'X6') (2 Nos)	Sft	96		
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18		
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8		
14	Windows Safety Grill				
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.				
14.2	Window Sizes (5'X6')	Sft	180		
14.3	Window Sizes (4'X6')	Sft	96		
14.4	Ventilator Size(1.5'x3')	Sft	18		
14.5	Ventilator Size(1'x2')	Sft	-		
15	<u>Stainless Steel Hand Railing</u>				
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c staines steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75		
16	<u>RCC Slab Waterproofing</u>				

16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100		
17	C.C KHURRAH				
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4		
1	ELECTRICAL WORK				
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16		
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30		
4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8		
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5		
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes, pull, boxes, cutting jharries, and repairing surface etc. complete with all special with Ligts and fans points and instruction by Engineer Incharge. (25mm,32mm,40mm & 50mm)	Rft	400		
7	Provide Three Phase DBs (16 Gauge) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2		
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90		
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20		
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non returnvalve, imported the rmostate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2		
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8		

12	Main Ac points in every room and Rooms Board and switches for rooms lights, fan& Ac. Etc.	Nos	60		
13	Main Ac Board, Rooms Boards best quality with socket, switches and buttons	Nos	40		
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16		
<u>1</u>	<u>PLUMBING WORK</u>	-	-	-	
1.1	WATER DISTRIBUTION SYSTEM				
	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.				
1.2	32mm i/d	Rft	150.00		
1.3	25mm i/d	Rft	260.00		
2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.				
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00		
3	SEWAGE DRAINAGE SYSTEM				
	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.				
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00		
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00		
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00		
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00		
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.				
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00		
4	FITINGS AND FIXTURES				

4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.				
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00		
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00		
4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin, waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer				
4.4	Vanity Type Wash Basins	Each	9.00		
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.				
4.6	Wash Basin Mixture	Each	9.00		
4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.				
4.8	Muslim Shower	Each	9.00		
5	EXTERNAL SEWAGE DRAINAGE SYSTEM				
	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.				
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00		
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.				
5.3	Gully Trap	Each	2.00		
6	Septic Tank				
6.1	Providing and constructing of Reinforced cement concrete with minimum cube strength of 3000 psi at 28 days using 3/4" maximum nominal size graded segodha crushed stone aggregate and clean sand , including the cost of, water stoper, Septic Tank of following capacities with manhole covers, cowled vent, inlet and outlet pipework. Water tank shall be provided with terrazzo finish from inside on walls and base slab. Location and size of Tanks shown on drawings, complete in all respect.(Excluding Steel)	Gallon	14,000.00		
7	Soakage Pit				

7.1	Providing and constructing of brick masonry soakage pit for disposal of waste water, complete with excavation, disposal of mud, fine sand gravel is spread across the bottom to help disperse the flow, cement sand plaster in side manhole covers, cowed vent, inlet and outlet pipe work. Complete in all respects.	Job	2.00		
8	Over Head Tank				
8.1	Water Tankies 500 Gallon with necessary Fitting and installation	2	2.00		
9	TOILET AND BATH ACCESSORIES				
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.				
9.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00		
10	VANITY MIRRORS				
10.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00		
	Total bid cost (including all taxes)				X

Notes to Price Table:

- v.** "X" will determine the total bid cost against the complete works (service/labor & Material) mentioned above.
- vi.** Prices may be quoted for complete works (services/labor & material) as prescribed above.
- vii.** Prices must be included with all applicable Taxes/duties, Freight/Transportation, Labor cost, Preparation of Site, Contingencies and any other cost not mentioned here.
- viii.** The Purchaser reserves exclusive rights to increase or decrease the quantity of works without any change in unit price and other terms and conditions.

Total Cost (in words) Rs. _____

Date _____

Signature of authorized person

Name:

(Company Seal)

In the capacity of
Dully authority by

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

Lot # 4

Price Schedule/ Financial Cost Sheet for Hostel – 4

Item No	Description	Unit	QTY (1)	Unit Rate (Incl. all taxes, duties, freight, etc.) Rs. (2)	Total cost (Incl. all taxes, duties, freight, etc.) Rs. 3=(1x2)
1	Excavation, Back Filling & Lean Concrete				
1.1	Excavation in the type of soil encountered on site, to depth not exceeding 4' fit below natural existing ground level for foundation, including separating and stacking suitable excavated material for back filling layers not exceeding 9" in thickness, watering and compacting to a minimum of 95% modified AASHTO density and disposal of surplus and unsuitable material anywhere outside the building premises, Complete in all respects and to the direction of the Engineer.	Cft	7,174		
2	Anti Termite Treatment				
2.1	Providing and applying anti-termite treatment by using "FIPROKILL", "Salyer 25SC", "MIRAJ 5% SC by Ali Akbar", or approved equivalent termite proofing chemical, mixed with water in ratio as per manufacturer's specification, at the bottom and sides of columns foundation, trenches before laying of PCC 1:4:8. The Contractor will be required to furnish 10-years guarantee of the termite proofing works, complete in all respects and to the direction of the Engineer.	Sft	5,774		
3	Back fill				
3.1	Providing, stacking and filling rough sand (Ghassu) from outside source under foundation including dressing, watering and consolidation by ramming in layers not more than 225mm in depth and compaction should not be less than 90% to 95% AASHTO modified density, complete in all respects and to the direction of the Engineer.	Cft	15,000		
4	Brick Blast				
4.1	Providing and laying burnt clay brick ballast nominal size 1-1/2" thick under basement floor including, leveling, watering and compacting, complete in all respects and to the direction of the Engineer.	Cft	1,500		
5	Brick Work				
5.1	Providing and laying 1st class solid burnt brick masonry from foundation in mortar ratio 1:6, ordinary Portland cement and clean local Chanab sand mortar, fully filling all horizontal and vertical joints, including scaffolding raking out joints and curing etc. The work shall include making of pipe and duct openings coordinated with electrical, plumbing, HVAC works and making good the same openings to size and shape with in the quoted rate. complete in all respect ion and to the direction of the Engineer.				
5.2	Brickwork 9" thick in Super Structure	Cft	10,700		
5.3	Brickwork 4-1/2" thick in I :4 cement sand mortar	Cft	2,429		
6	Concrete				
6.1	Slab, Beams, Stair, Window Shed ,Lintle & Footing Concrete (1:2:4)	Cft	3,600		
6.2	Under Tile Flooring Concrete (1:3:6)	Cft	1,150		

6.3	Columns Concrete (1:1.5:3)	Cft	935		
6.4	PCC below foundations/earth fill (1:4:8)	Cft	350		
7	Plaster Work				
7.1	Providing and applying 1/2" to 3/4" thick cement plaster on interior & Exterior surfaces of walls in cement sand 1:4 mortar using one part of Ordinary Portland cement to 4 parts of clean local river sand making edges, corners and grooves including smooth surface with steel trowel and curing etc., complete in all respects and to the direction of the Engineer	Sft	21,500		
8	Paint Work				
8.1	Providing and applying 3 coats of Plastic emulsion paint "ICI", "DULUX", "BIRGER", "MASTER" or equivalent approved including shade on ceiling and internal walls over one primer coat after making good any unevenness by filling with good quality of turpentine oil, zinc etc., to surface of ceiling and walls and etc. complete in all respects and colour as specified by the Architect. respects and to the direction of the Engineer.				
8.2	Inner side plastic emulsion paint	Sft	13,297		
8.3	Providing and applying "Acrylic Wall Coatings/Graffi" or two Coat of Weather Shield Paint, with primer base on exterior plastered surfaces of approved colour and shade of an approved manufacture as per manufacturers specifications complete in all respects and instructions of the Engineer incharge.				
8.4	Outer side Acrylic wall Coating/Graffi or Weather Shield Paint work	Sft	10,203		
9	Plaster of Paris Ceiling				
9.1	Providing and installing Plaster of Paris false ceiling, as per drawings and specification, the unit rate should include cost of making openings for fixing and supporting light fittings, A.C. grills, etc., including all approved hardware, hanging system, including approved complete paint work & accessories etc., complete in all respects and to the direction of the Engineer.	Sft	3,208		
10	Marble				
10.1	Stair Steps and landing Tropical Granite	Sft	440		
10.2	Provide and fixing Marble Tavera or equivalent 1'x2' for flooring or as per the instructions of Engineer Incharge	Sft	4,800		
10.3	Marble skirting	Rft	1,112		
11	Steel				
11.1	Providing and laying Deformed 60,000 psi steel reinforcement bars Model, FF,SHEKHO, AFCCO. or approved equivalent confirming ASTM-615-A, with guaranteed minimum yield stress as specified and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work. No extra / separate / additional payment shall be made for chairs, unspecified laps and 18 swg binding wire. Testing of random samples of steel reinforcement will be carried out as per specifications at Contractor's cost.	Ton	8.5		
12	Doors & Doors Frame (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				

12.1	1/2"thick solid flush door comprising of 2.5mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5mm thick commercial ply over 1" thick packing wooden style and rail sunder proper pressure i/c the cost of nails, towerbolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.				
12.2	Doors (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)	Sft	488		
12.3	Providing and fixing 1-1/2" thick G.I sheet forged door comprising of G.I pressed double skin pannel led sheet of 16 SWG in specified width of dully fixed in chowkat with heavy duty 4No. steel hinges i/c M.S Tower bolt 9"long, M.S Rowel bolt for Hold Fasts , duly powder coated paint and punching of required holes as approved and directed by the Engineer Incharge .	Sft	334		
12.4	Providing & fixing of P.V.C FANCY door best quality/Brand with PVC chowkhat filled with 2nd class wood , as per pattern on drawing i/c painting/Polishing if required, iron mongry and all fitting accessories as per instruction of engineer incharge best quality lock base price Rs.1500 (Toilets/Bath)(2.5'x7')	Nos	11		
12.5	Main Ms Gate with 16 SWG Sheet and solid pipe 1"x1" with safety arrow angle 1' height powder coated black paint Sizes 14'x7' 01 no and 3.5'x7' 01 no with 12" (06 nos) Hold fast	Nos	1		
13	Aluminum Windows & Ventilators				
13.1	Provide Aluminum Standard, Chawla, Prime or Equivalent Sliding/Openable Windows (1.6 mm) including with all accessories Provide & Install powder coated 25mmX50mm width Aluminum Frame with Single Glazed window, 6mm thick solar reflective tinted tempered laminated glass with sealing the joints between aluminum sections and adjoining surfaces with transparent silicon sealant both inside and outside, etc. Including 1 Mesh panel in every windows, fixing, fittings and all necessary accessories as per specifications of the Engineer incharge.				
13.2	Window Sizes (5'X6') (3Nos)	Sft	180		
13.3	Window Sizes (4'X6') (2 Nos)	Sft	96		
13.4	Ventilator Size(1.5'x3')(2 Nos)	Sft	18		
13.5	Ventilator Size(1'x2')(2Nos)	Sft	8		
14	Windows Safety Grill				
14.1	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.				

14.2	Window Sizes (5'X6')	Sft	180		
14.3	Window Sizes (4'X6')	Sft	96		
14.4	Ventilator Size(1.5'x3')	Sft	18		
14.5	Ventilator Size(1'x2')	Sft	-		
15	<u>Stainless Steel Hand Railing</u>				
15.1	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge.	Rft	75		
16	<u>RCC Slab Waterproofing</u>				
16.1	Providing and laying waterproofing consisting of surface preparation of RCC Slab, two coats of approved Sika Seal 105 by "Sika Chemical", or approved equivalent at 7 kg per 100 Sft, including 1 layer of polythene sheet 0.5mm thick with 6" overlaps. including cost of average 3" thick mud mixed with Turi (Kahni) laid to required slopes / gradient and 9"x 4-1/2"x1-1/2" thick first class burnt claying tiles over and including 3/4" thick CS plaster (1:6), including grouting tiles in 1:3 cement sand mortar, leveling, sloping & curing etc, as per drawing, specifications complete in all respect and to the direction of the Engineer	Sft	2,100		
17	<u>C.C KHURRAH</u>				
17.1	Providing and laying PCC (1:2:4) khurras on roof slab RCC roof slab for rain water down pipes etc. Complete as per drawings and technical specifications & instruction of the Engineer.	Nos	4		
1	<u>ELECTRICAL WORK</u>				
1	Electrical Wires (Provide Good Quality Material as per the following specifications and as per the satisfaction of the Engineer Incharge)				
2	Provide single core 3/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	16		
3	Provide single core 7/29 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	30		
4	Provide single core 7/36 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	8		
5	Provide single core 7/44 copper wire, Fast, GM, English, newage or equivalent best quality cable (90 Meter Coils)	Nos	5		
6	supply and erection of PVC Pipe for wiring recessed in walls and slab including inspection boxes, pull, boxes, cutting jharries, and repairing surface etc. complete with all special with Ligts and fans points and instruction by	Rft	400		

	Engineer Incharge. (25mm,32mm,40mm & 50mm)				
7	Provide Three Phase DBs (16 Gauge) Powder Coated with breaker as per requirements and instructions of the Engineer Incharge	Nos	2		
8	Provide orient, Royal or equivalent 4" Dia Led Down light minimum 18 watt with 1 year warranty	Nos	90		
9	Provide orient, Royal or equivalent 8" Dia Led wall mounted light minimum 50 watt with 1 year warranty	Nos	20		
10	Providing/fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/Ambassador/SuperAsia/Canon or equivalent i/c the cost of non return valve, imported the rmstate, G.I.accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge.	Nos	2		
11	Provide Royal,Pak & orient or equivalent exhaust fans best quality with pipe and fitting (1'X1') With 1 year warranty	Nos	8		
12	Main Ac points in every room and Rooms Board and switches for rooms lights, fan& Ac. Etc.	Nos	60		
13	Main Ac Board, Rooms Boards best quality with socket, switches and buttons	Nos	40		
14	Provide Sk,Pak, orient, Royal or equivalent Ceiling Fan (56") with 1 year warranty	Nos	16		
<u>1</u>	<u>PLUMBING WORK</u>	-	-	-	
1.1	WATER DISTRIBUTION SYSTEM				
	Providing, laying, fixing, testing and disinfecting, polypropylene pipelines for cold and hot water supply as per DIN 8077/8078 PN-20 for pipe and DIN 16962 PN-25 for fittings or equivalent BS specification, make as approved by the Engineer In charge complete in all respects to their entire satisfaction, including specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc., supported on walls or suspended from slab or run in chases (chased in walls shall be made by using electric cutter) including supports, cutting and making good the same as necessary to the structure complete in all respects.				
1.2	32mm i/d	Rft	150.00		
1.3	25mm i/d	Rft	260.00		
2	Providing, fixing and testing PPRC GATE valve as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and jointing material complete in all respects.				
2.1	PPRC Gate Valve 32 mm o/d	Each	2.00		
3	SEWAGE DRAINAGE SYSTEM				

	Providing, laying, fixing and testing uPVC soil, waste, vent and rain water as per BSS 4514 & 5255 or equivalent BS specifications including uPVC fittings with solvent cement jointing or rubber ring joints as approved by the Engineer In charge complete in all respects, including, clamps, bends, tees, Y-tees, cowls, reducers, clean out etc., embedded in floors and walls, clamped to walls, suspended from slab, painted MS horizontal and vertical pipe hangers of approved design making requisite no. of holes and making good the same complete in all respects.				
3.1	uPVC 2" dia Class "D" Pipe Vent Pipe	Rft	52.00		
3.2	uPVC 3" dia Class "D" Pipe	Rft	52.00		
3.3	uPVC 4" dia Class "D" Pipe	Rft	390.00		
3.4	uPVC 6" dia Class "D" Pipe	Rft	104.00		
3.5	Providing, laying, fixing and testing floor drain (multifloor trap) UPVC including extension grating and stainless steel grade 304 cover grating best quality local make as approved Engineer In charge complete in all respects to their entire satisfaction.				
3.6	Floor Trap with Stainless Steel Cover 4" Dia	Each	18.00		
4	FITINGS AND FIXTURES				
4.1	Providing, fixing, testing and commissioning European type water closet make by porta or approved equivalent in white Ivory color including 3 gallons cistern, p/s trap and complete with flushing valve/cistern, seat cover and water connecting pipes C.P tee stop cock with wall cups, Thimble, normal seat cover and rawal bolt, hinged double bacolite best quality, and complete in all respects and color as specified by the Engineer Incharge.				
4.2	European Type Water Closet with Flush tank Wall Mounted(Porta, Sonex or Equivalent as approved by the engineer incharge)	Each	4.00		
	Indian Type Water Closet with flush tank (Porta, Sonex or Equivalent as approved by the Engineer Incharge)	Each	5.00		
4.3	Providing, installing, testing and commissioning vanity / Under Counter / Above Counter or Basin Pedestal make by porta or approved equivalent with bottle trap, waste couplin, waste pipe, basin bolt kit etc complete in all respects and color specified by the Engineer				
4.4	Vanity Type Wash Basins	Each	9.00		
4.5	Providing and fixing C.P. mixing valves make by Grohe or approved equivalent for wash basin and sink including fittings and fixing accessories as approved by the Engineer In charge complete in all respects to their entire satisfaction including all accessories and fittings complete in all respects.				
4.6	Wash Basin Mixture	Each	9.00		
4.7	Providing and fixing Muslim shower make by Grohe or approved equivalent with double bibcock, flexible pipe, fittings and fixing accessories of approved color as approved by the Engineer In charge complete in all respects.				
4.8	Muslim Shower	Each	9.00		
5	EXTERNAL SEWAGE DRAINAGE SYSTEM				

	Providing and constructing brick masonry manhole including excavation, backfilling, M.I. bar steps, CI heavy duty manhole cover and slab, benching, plastering, pointing, PCC 1:4:8 bedding, PCC 1:2:4 topping, bitumen coating etc., including cost of steel reinforcement complete in all respects.				
5.1	2'x2' up to 4'-0" invert depth.	Each	6.00		
5.2	Providing and laying brick masonry Gully trap chamber size 18"x18" including uPVC P-trap, CI grating, CI cover, inlet and outlet connections, including fittings and fixing accessories complete in all respects.				
5.3	Gully Trap	Each	2.00		
6	TOILET AND BATH ACCESSORIES				
	Supply and install toilet and bath accessories make by, grohe, porta or approved equivalent, including fittings and fixing accessories as shown on drawings, in accordance with the specifications and to the approval of the Engineer.				
6.1	Wall mounted toilet paper roll holder in stainless steel grade	No.	8.00		
7	VANITY MIRRORS				
7.1	Supplying and installing 5mm thick looking glass belgium edges, polishing fixed over Upvc 10mm thick sheet including fittings and fixing accessories as shown on drawing, in accordance with specifications and to the approval of the Engineer.	Sft	50.00		
	Total bid cost (including all taxes)				X

Notes to Price Table:

- i.** "X" will determine the total bid cost against the complete works (service/labor & Material) mentioned above.
- ii.** Prices may be quoted for complete works (services/labor & material) as prescribed above.
- iii.** Prices must be included with all applicable Taxes/duties, Freight/Transportation, Labor cost, Preparation of Site, Contingencies and any other cost not mentioned here.
- iv.** The Purchaser reserves exclusive rights to increase or decrease the quantity of works without any change in unit price and other terms and conditions.

Total Cost (in words) Rs. _____

Date _____

Signature of authorized person

Name:

(Company Seal)

In the capacity of
Dully authority by

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

Format for Covering Letter

To
(Name and address of Purchaser)

Sub: _____.

Dear Sir,

- a) Having examined the tender document and Appendixes we, the undersigned, in conformity with the said document, offer to provide the said items/services/Works on terms of reference to be signed upon the award of contract for the sum indicated as per Price Schedule.
- b) We undertake, if our proposal is accepted, to provide the items/services/Works comprise in the contract within time frame specified, starting from the date of receipt of notification of award from the client Department / Office.
- c) We agree to abide by this proposal for the period of ____ days (as per requirement of the project) from the date of bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- d) We agree to execute a contract in the form to be communicated by the _(insert name of the Purchaser)_, incorporating all agreements with such alterations or additions thereto as may be necessary to adapt such agreement to the circumstances of the standard.
- e) We understand that you are not bound to accept a lowest or any bid you may receive, not to give any reason for rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Authorized Signatures with Official Seal

INSTRUCTION FOR PREPARATION OF POWER OF ATTORNEY

- a)** To be executed by an authorized representative of the bidder.
- b)** The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- c)** Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.
- d)** In case the Application is signed by an authorized Director / Partner or Proprietor of the Applicant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in lieu of the Power of Attorney.

Format of Power-of-Attorney

POWER OF ATTORNEY

(On Stamp Paper of relevant value)

Know all men by these presents, we (name of the company and address of the registered office) do hereby appoint and authorize Mr. (full name and residential address) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal for (name of the project) in response to the tenders invited by the (name of the Purchaser) including signing and submission of all documents and providing information/responses to (name of the Purchaser) in all matters in connection with our Bid.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this ____ day of _____ 20__

For _____

(Signature)

(Name, Designation and Address)

Accepted

(Signature)

(Name, Title and Address of the Attorney)

Date:

UNDERTAKING

(On Legal Valid and Attested Stamp Paper)

It is certified that the information furnished herein and as per the document submitted is true and correct and nothing has been concealed or tampered with. We have gone through all the Terms & Conditions of Tender Document and are liable to any punitive action for furnishing false information / documents.

It is further certified that:

- i) the Bidder (Name of the Firm) is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan.
- ii) the Bidder (Name of the Firm) shall comply to the Terms & Conditions mentioned in Tender Document, i.e. All terms & conditions and qualification requirements listed anywhere in this Tender Document have been satisfactorily vetted.
- iii) the Bidder (Name of the Firm) shall comply to the specifications of all items / goods / services / Works to be procured mentioned vide **Annex-A** of this document.
- iv) the Bidder (Name of the Firm) shall comply to Delivery/ Execution Schedule as per Tender Document.

Dated this ____ day of _____ 20__

Signature

(Company Seal)

In the capacity of

Duly authorized to sign bids for and on behalf of:

(To be submitted on legal stamp paper)

AFFIDAVIT

(Integrity Pact)

We _(Name of the bidder / supplier)_ being the first duly sworn on oath submit, that Mr. / Ms. _____ (if participating through agent / representative) is the agent / representative duly authorized by _(Name of the bidder company)_ hereinafter called the Contractor to submit the attached bid to the _(Name of the Purchaser)_. Affiant further states that the said M/s (Bidding Firm/Company Name) has not paid, given or donate or agreed to pay, given or donate to any line officer or employee of the _(Name of the Purchaser)_ any money or thing of value, either directly or indirectly, for special consideration in the letting of the contract, or for giving undue advantage to any of the bidder in the bidding and in the evaluation and selection of the bidder for contract or for refraining from properly and thoroughly maintaining projects implementations, reporting violation of the contract specification or other forms of non-compliance.

[The Seller/Supplier/Contractor] 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 the Purchaser and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty / support.

[The Seller/Supplier/Contractor] 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 / support. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to the Purchaser under any law, contract or other instrument, be voidable at the option of the Purchaser.

Notwithstanding any rights and remedies exercised by the Purchaser in this regard, [the Seller/Supplier/Contractor] agrees to indemnify the Purchaser for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to the Purchaser in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Seller/Supplier/Contractor] 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 the Purchaser.

Signature & Stamp

Subscribed and sworn to me this _____ day of ____ 20_____ Notary Public.

PERFORMANCE SECURITY

Issuing Authority:
Date of Issuance:
Date of Expiry:
**Claim Lodgment Date: (Must
be one month later than the
expiry date)**

WHEREAS [Name and Address of the Contractor] (hereinafter called "the Contractor") has agreed to supply the Works and render the Services against Tender Name. _____, Tender No. _____ (hereinafter called "the Contract") for the Contract Value of PKR (in figures _____) (in words _____).

AND WHEREAS it has been stipulated in the Tender Document that the successful Contractor shall furnish Performance Security, in the form of a Bank Guarantee, issued by a scheduled bank operating in Pakistan, as per this format, for a sum equivalent to Rs. _____ (5% of the contract value) valid from the date of issue until all obligations have been fulfilled in accordance with the Contract;

AND WHEREAS [Name of the Bank] having registered office at [Address of the Bank] (hereinafter called "the Guarantor") has agreed to give the Contractor a Guarantee;

THEREFORE the Guarantor hereby affirms to bind himself, his successors and his assigns to the Purchaser, for the sum of PKR (in figures _____) (in words _____) and undertakes to pay to the Purchaser, upon receipt of his written demand(s), any sum(s) as specified by him, not exceeding the above limit in aggregate, without cavil / argument and without the Purchaser having to substantiate / prove or to show grounds / reasons for such claim(s), on the occurrence of any / all of the following conditions:

1. If the Contractor commits a default under the Contract;
2. If the Contractor fails to fulfil any of the obligations under the Contract;
3. If the Contractor violates any of the provisions of the Contract.

Provided that the Purchaser shall specify the occurred condition(s) owing to which the said sum is due to him.

Provided further that any demand(s) / claim(s) from the Purchaser shall reach the Guarantor within thirty working days after the expiry of the Guarantee.



This guarantee shall remain valid up to _____ or until expiry of warranties / support period or all obligations have been fulfilled in accordance with the Contract, **whichever is later**.



Date this _____ day of 20_____.



GUARANTOR

Signature _____
CNIC # _____
Name _____
Designation _____
Address _____

ANNEXURE-I

	CASH DEPOSIT SLIP <i>For Information Technology University Punjab</i>		No. _____
			Date: _____
Deposited in:		Bank's Copy	
		A/C # 6580045464600034	
Applicant Information:			
Applicant's Name: _____		_____	
Particulars / Tender Title: _____		PROCUREMENT OF SERVICES WITH MATERIAL FOR CONSTRUCTION WORKS AT ITU MAIN CAMPUS, BARKI ROAD	
Tender #	48809-12122023-01	LOT #	_____
		Other	_____
Transaction Detail:			
Amount In Figures: Rs. 2000/-		In Words: Rupees Two Thousand only	

	CASH DEPOSIT SLIP <i>For Information Technology University Punjab</i>		No. _____
			Date: _____
Deposited in:		ITU Copy	
		A/C # 6580045464600034	
Applicant Information:			
Applicant's Name: _____		_____	
Particulars / Tender Title: _____		PROCUREMENT OF SERVICES WITH MATERIAL FOR CONSTRUCTION WORKS AT ITU MAIN CAMPUS, BARKI ROAD	
Tender #	48809-12122023-01	LOT #	_____
		Other	_____
Transaction Detail:			
Amount In Figures: Rs. 2000/-		In Words: Rupees Two Thousand only	

	CASH DEPOSIT SLIP <i>For Information Technology University Punjab</i>		No. _____
			Date: _____
Deposited in:		Customers's Copy	
		A/C # 6580045464600034	
Applicant Information:			
Applicant's Name: _____		_____	
Particulars / Tender Title: _____		PROCUREMENT OF SERVICES WITH MATERIAL FOR CONSTRUCTION WORKS AT ITU MAIN CAMPUS, BARKI ROAD	
Tender #	48809-12122023-01	LOT #	_____
		Other	_____
Transaction Detail:			
Amount In Figures: Rs. 2000/-		In Words: Rupees Two Thousand only	