



The Head Office,
People's Primary Healthcare Initiative, Balochistan.
Admin Section
Ref No. PPHI-B/H.O-BLN/CW/2026/QPN
Dated: _____

Technical Proposal

People's Primary Healthcare Initiative (PPHI) - Balochistan

**TENDER DOCUMENT FOR CONSTRUCTION OF PREFABRICATED BHU IN
DISTRICTS QUETTA, PISHIN AND NOSHKI, PPHI-BALUCHISTAN**

NAME OF BIDDER: _____
(To be filled-in by the Bidder)

Address: People's Primary Healthcare Initiative (PPHI) - Balochistan
House # 8-A, Jinnah Town, Samungli Road, Quetta-Pakistan.

Phone: 081-2863620
Website: www.pphib.org

LETTER OF INVITATION FOR BIDS:

Sealed proposals are invited from eligible bidders for the construction of prefabricated work at (03) Three BHUs in Districts Quetta, Pishin and Noshki of PPHI-Balochistan, under the People's Primary Healthcare Initiative (PPHI)-Balochistan in accordance with the applicable procurement rules and policies of PPHI-Balochistan. Firms having proven experience in the execution of Prefabricated works and construction also duly registered with the Pakistan Engineering Council (PEC) under the relevant categories and codes are eligible to participate in the bidding process.

REQUIRED BIDDING INFORMATION	TO BE FILLED BY THE PEOPLES PRIMARY HEALTHCARE INITIATIVE (PPHI-B)
DESIGNATION OF PROCUREMENT OFFICER	DIRECTOR ADMIN & PROCUREMENT
POSTAL ADDRESS OF THE PEOPLE'S PRIMARY HEALTH CARE INITIATIVE (PPHI-BALOCHISTAN)	HOUSE # 8-A, JINNAH TOWN SAMUNGLI ROAD, QUETTA-PAKISTAN.
PHONE NUMBER & FAX NUMBER	081-2863620 & 081-2863623
E-MAIL ADDRESS & WEBSITE	E-mail: PPHIBLN@GMAIL.COM Website: https://www.pphib.org
METHOD OF PROCUREMENT	SINGLE STAGE - TWO ENVELOPE BIDDING PROCEDURE
PRE-BID MEETING	DATE: 14th October, 2026 AT 2:00PM , PPHI-B HEAD OFFICE, 8-A JINNAH TOWN, SAMSUNGLI ROAD, QUETTA. ALL COMPETITIVE BIDDERS ARE REQUESTED TO ATTEND THE PRE BID MEETING.
ISSUANCE OF BIDDING DOCUMENTS	The tender documents can be downloaded from the PPHI-Balochistan website: http://pphib.org/
DEADLINE FOR SUBMISSION OF BIDS	Date: 26th October 2026 & Till 11:00 A.M directly submitted to the Head Office, PPHI-Balochistan.
OPENING OF TECHNICAL BIDS	Date: 26th October 2026 & Time 12:00 P.M at the Head Office of PPHI-Balochistan.
OPENING OF FINANCIAL BIDS	Date: Shall be communicated to qualified bidders after technical evaluation.
BIDDING DOCUMENT FEE	AMOUNT: PKR. 2,000/- PAY ORDER IN THE NAME OF PPHI- Balochistan WITH TECHNICAL BID IN A SEPARATE ENVELOPE. SUBMISSION OF BIDDING DOCUMENT FEE IS MANDATORY WITH TECHNICAL PROPOSAL,
BID SECURITY/EARNEST MONEY	AMOUNT: 2% OF THE QUOTED AMOUNT MANNER OF <u>CALL DEPOSIT/ PAY ORDER</u> IN FAVOR OF PPHI-BALOCHISTAN , MUST BE PART OF FINANCIAL PROPOSAL.

ELIGIBILITY CRITERIA FOR BIDDERS:

SR. NO	BIDDERS ELIGIBILITY FACTOR	MANDATORY REQUIREMENT	DOCUMENT REQUIRED
01	Legal Status & Tax Registration.	The bidder must possess a valid NTN Certificate, be registered with the Federal Board of Revenue (FBR) under the relevant tariff/registration category for Construction / Civil Works / Government Contractors, and must be in BRA registered & Active Taxpayer at the time of submission of bid documents.	Copies of valid NTN Certificate, GST & BSTS Registration Certificate (Where applicable), and Active Taxpayer Profile, duly verifiable from FBR IRIS / official FBR and BRA website.
02	Relevant Experience	Minimum 03 (Three) successfully completed similar Prefabricated Work assignments, having cumulative value not less than PKR. 25 million, during the last Three (03) Years. (FY 2023, 2024, and 2025.)	Copies of Work Orders and Completion Certificates, clearly mentioning scope, value, and dates, duly attested by Senior Executive of the firm. PPHI-B reserve the right of verification of work orders, and completion certificates.
03	Financial Capacity (For Firms)	Minimum average annual turnover of PKR 35 million during the last three (03) financial years (FY 2023, 2024, and 2025), supported by audited financial statements or Annual Tax Returns.	Audited Financial Statements OR Annual Income Tax Return only.
04	Non-Blacklisting and disclosure of litigation cases	Must not be presently black-listed by any Government/ Semi Govt or Private Organization must declare the litigation cases.	Declaration of Non-blacklisting and disclosure of litigation cases on Non-Judicial Stamp paper by the Bidder/Individual.
05	PEC Registration	The bidder must be registered with the Pakistan Engineering Council (PEC) in an appropriate category and specialization relevant to the scope of Prefabrication works (e.g., C-6, C-5 or above). Registration must be valid at the time of bid submission.	Copy of valid PEC Registration Certificate clearly showing category, specialization, and validity.
06	Technical Capacity	Technical HR (Engineers) with previous experience of similar assignments as required by the Peoples Primary Health Care Initiative (PPHI-B) in the Data-sheet	Detailed CVs of the HR/Individual along with PEC registration. 01 Civil Engineer(PEC Registered).
07	Work completion compliance	Must agree to serve the Contract within agreed time i.e., 90 days.	Completion time must be clearly specified in the Technical Bid.
08	Agreement with all the terms & conditions	Must unconditionally agree with all the instructions, terms & conditions specified in the bidding documents & contract agreement	Signature & company seal on every page of the bidding document.
09	Submission of Bidding Document Fee & Bid Security	As required by the People's Primary Healthcare Initiative (PPHI-Balochistan) in the Tender Notice.	AMOUNT: PKR. 2,000/- Tender Fee in separate envelope with technical proposal. AMOUNT: 2 % Security deposit with financial proposal Only.

NOTE:

- a) It is mandatory for the bidders to score “YES” in all the above-mentioned nine (09) requirements of eligibility. In-case of single “NO” to any requirement, the Bid shall be declared NON-RESPONSIVE resulting disqualification for sample submission and financial bid opening.
- b) No document shall be added in bidding documents once bid documents are submitted.
- c) Submission of Multiple Bids under a Single Firm (Lot-wise):
 - i. A Single Bidders may be awarded multiple lots, subject to fulfillment of technical and financial qualification criteria.
 - ii. Each bid shall complete in all respects and shall be submitted separately, including independent Technical and Financial Proposals along with a separate Call Deposit Receipt (CDR)/Bid Security for each lot. Partial bidding within a lot or submission of incomplete bids shall render the bid non-responsive.
- d) Please avoid to attach documents not required in the above mentioned criteria and it would be convenient to tag each eligibility criteria documents.
- e) Bidders from other cities/provinces may send their bids via courier at below mentioned mailing address and can participate in the bidding process virtually through online link (subject to prior intimation to the procuring officer) if desired, otherwise physical presence is preferred.
- f) Technical proposals shall not contain any financial proposal information; otherwise the bid shall be rejected.
- g) The Procuring Agency reserves the right to reject any or all bids or cancel the procurement proceedings at any time prior to award of contract without disclosing any reason.

Postal Address: PPHI-B Head Office House # 8-A, Jinnah Town, Samungli Road, Quetta.

Bidding Instructions and General Conditions

1. Bid Submission Requirements

- a) The bidder must quote for the entire scope of works or lot wise specified in the tender document. Partial, conditional, or incomplete bids shall be rejected.
- b) All bids must be tape-bound, properly sealed, and clearly labeled. Each page must be numbered, signed, and stamped by the authorized representative of the firm.
- c) All documents shall be attached in the sequence prescribed in the tender document for evaluation purposes.
- d) Any interlineations, erasers, or overwriting shall be valid only if initialized by the person(s) signing the bid.
- e) Blank fields in the bid forms must be duly filled. Incomplete or unsigned bids shall be treated as non-responsive.

2. Method and Deadline of Submission

- a) Preferably, bids shall be submitted by hand through the firm's authorized representative on or before the date and time specified in the Letter of Invitation.
- b) The bid shall comprise a single package containing two separate envelopes:
 - a. Technical Proposal
 - b. Financial Proposal
- c) Each envelope shall be sealed and marked in bold letters as "TECHNICAL PROPOSAL" and "FINANCIAL PROPOSAL" (in case of bidding for more than one lot)
- d) Both envelopes shall then be placed in an outer sealed envelope clearly marked with the Tender Reference Number and Subject.
- e) Bids received after the specified deadline shall be rejected without opening.

3. Conditions for Opening and Validity

- a) If the submission or opening date falls on a public holiday or non-working day, the bids shall be opened on the next working day at the same time and venue.
- b) A bidder may withdraw its bid before the submission deadline.
 - I. No withdrawal is permitted after the submission deadline until the expiry of the bid validity period.
 - II. Any withdrawal during the validity period at any stage may lead to legal action under applicable rules of PPHI-B.

4. Eligibility of Bidders

- a) The invitation is open to all firms registered with the Federal Board of Revenue (FBR) under the relevant registration/tariff category for Construction / Prefabricated Works / Government Contractors, subject to fulfillment of all mandatory eligibility criteria.
- b) Bidders must have demonstrated experience in the execution and completion of Prefabricated works for government, semi-government, institutional, or similar organizations.
- c) Bidders under declaration of ineligibility, suspension, or blacklisting by any government, regulatory authority, or other organization are not eligible to participate.

5. Blacklisting and Debarment

The following actions shall render a bidder liable for blacklisting/debarment:

- a) Submission of false, fabricated, or forged documents or misrepresentation of facts at any stage of the bidding or contract execution.
- b) Failure to execute the Prefabricated works in accordance with the approved drawings, technical specifications, quality standards, BOQs, or agreed completion schedule.
- c) Persistent non-compliance with contract terms or specifications.
- d) Engagement in corrupt, fraudulent, or unethical practices.
- e) Bid rigging, tender fixing, or any conduct detrimental to the integrity and transparency of the procurement process.
- f) Any security-related concerns or actions that adversely affect the reputation of the Procuring Agency or the State.

6. Clarifications and Amendments

- a) A prospective bidder may seek clarification(s) in writing not later than seven (7) days prior to the submission deadline at the Procuring Agency's address indicated in the Bid Data Sheet.
- b) The Procuring Agency shall issue written responses (without disclosing the identity of the inquirer) to all bidders who have obtained the documents no verbal response shall be accepted.
- c) The Procuring Agency may, at any time before the submission deadline, amend the bidding documents through a written addendum.
- d) Such amendments shall be notified through official correspondence or publication at the official PPHI-B website.
- e) To accommodate the amendment(s), the Procuring Agency may extend the bid submission deadline, if deemed necessary.

7. Corrupt or Fraudulent Practices and Mechanism for Debarment / Blacklisting

A. Definition of Corrupt and Fraudulent Practices

For the purpose of this tender, the following practices shall constitute corrupt, fraudulent, coercive, collusive, or obstructive behavior, which are strictly prohibited:

- a) **Corrupt Practice:** Offering, giving, receiving, or soliciting directly or indirectly anything of value to influence the actions of a public official, procuring entity, or any party in the procurement process or contract execution for wrongful gain.
- b) **Fraudulent Practice:** Any act, omission, or misrepresentation that knowingly or recklessly misleads or attempts to mislead another party to obtain undue advantage or avoid an obligation.
- c) **Collusive Practice:** Any agreement or arrangement between two or more parties designed to establish bid prices at non-competitive, artificial levels to the detriment of fair competition.
- d) **Coercive Practice:** Direct or indirect actions, threats, or harm to any party or its property to improperly influence their participation or decisions in the procurement process.
- e) **Obstructive Practice:** Deliberate acts intended to impede investigation or audit processes, including falsifying or concealing evidence, making false statements, or intimidating witnesses.

8. Bid Price

- a) **Price Indication:** The bidder shall indicate, in the prescribed form, the unit rates (where applicable), BOQ rates, and the total bid price.
- b) **Completion and Authentication:** The Bill of Quantities (BOQ) and price schedules must be carefully filled, preferably typed, and signed and stamped on each page by the authorized representative of the bidder.

- c) **Compliance with Technical Specifications:** Bids must comply with all approved drawings, technical specifications, and BOQ requirements. Any deviation shall render the bid non-responsive.
- d) **Inclusive Pricing:** Prices must be quoted on a complete execution basis and shall include all applicable taxes, duties, levies, transportation, site establishment, tools and incidental costs necessary for execution of the works at the designated BHUs of PPHI-Balochistan.
- e) **Tax Exemptions:** Any exemption or reduction in taxes or duties available under law shall be passed on to the Procuring Agency.
- f) **Total Service Requirement:** Prices must be quoted for the entire scope of Prefabricated works of each lot as defined in the tender documents. Partial, conditional, or incomplete offers shall be considered non-responsive and rejected.

9. Bid Security

The bidder shall submit a bid security amount equal to 2% of the total quoted bid price for each lot, in favor of PPHI-Balochistan. The bid security shall be submitted as part of the Financial Bid only.

10. Bid Validity

- a. Bids shall remain valid for 90 days from the date of opening of bid.
- b. Bidders agreeing to extend validity must not change the substance of their bids.
- c. Bidders declining to extend may withdraw without forfeiting bid security.

Bidders who:-

- a) Agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and
- b) Do not agree to an extension of the bid validity period shall be allowed to withdraw their bids without forfeiture of their bid securities.

11. Sub-Contracting, Subletting Clause

The bidder shall not assign, transfer, or sublet the whole or any part of the contract without the prior written approval of the Procuring Agency to subcontractor.

Any subletting or subcontracting carried out without such approval shall constitute a material violation of the Contract and shall render the Contractor liable to termination of the Contract, forfeiture of Performance Security, blacklisting, and any other action permissible under the prevailing procurement rules and laws.

BIDDER'S INFORMATION: (To be filled-in by the Bidder)

1. Name of company/Individual: _____

2. Complete Postal Address: _____

3. Tel No: _____ 4. Email address: _____

5. Fax No: _____ 6. Mobile No: _____

7. Authorized Representative's name & designation:

8. Type of Business:

- (1) Sole Proprietorship ☐ (2) Partnership ☐
(3) Corporation (Private Ltd.) ☐ (4) Corporation (Public Ltd.) ☐

9. National Tax Number & Date of issuance: _____

10. Sales Tax Registration No. GST. _____

11. Sales Tax Registration No. BRA. _____

12. Bid Validity _____ (Please specify in no. of days)

13. Total Completion Time _____ (Date of completion)

DELIVERY SCHEDULE CONDITIONS

1. Scope of Delivery & Locations

The successful bidder shall be responsible for the execution and completion of all Prefabricated works in accordance with the approved technical specifications, and Bill of Quantities (BOQ) at the designated sites of PPHI-Balochistan as specified in the Tender Document.

2. Completion Time & Work Schedule

A) Contract Period

- a. The successful bidder shall complete execution of all scope of works at the designated sites of PPHI-Balochistan within 90 (Ninety) days from the date of issuance of the Work Order.
- b. Works shall be carried out strictly in accordance with the approved work schedule and construction program, unless an extension is granted in writing by PPHI-Balochistan.

B) Phased Based Execution

- a. Phased or milestone-based execution may be permitted only with prior written approval of PPHI-Balochistan.
- b. Each approved phase/milestone shall remain within the overall contract period of 90 days.

C) Execution & Progress Documentation

The bidder shall submit:

- Work Completion Certificates
- Final Completion Report duly signed by the Engineer / Authorized Representative of PPHI-Balochistan

D) Penalty for Delay

Delay beyond the stipulated 90-day period, excluding delays approved in writing or arising from force majeure, shall attract liquidated damages at the rate of 0.25% per day of the value of the uncompleted portion of works, subject to a maximum of 05% of the total contract value.

E) Force Majeure

Delays caused by events beyond the bidder's control, including natural disasters, civil disturbances, acts of government, strikes, or other force majeure circumstances, must be immediately reported in writing to PPHI-Balochistan with supporting evidence. A reasonable extension may be granted at the discretion of PPHI-Balochistan.

F) Defects, Damages & Loss

The bidder shall be fully responsible for any damage, defects, poor workmanship, or loss occurring during execution of the works. Any defective or non-compliant work shall be rectified or replaced at the bidder's cost, or the equivalent cost shall be deducted from the payable amount, as determined by PPHI-Balochistan. PPHI-Balochistan will consider the delivery of contract once 100% work completion report signed by the

representative of PPHI-Balochistan and Vendor. In Case of any damaged/Loss/Theft/destruction before 100% work completion and signing of work completion certificate will not be responsibility of PPHI-Balochistan.

3. Place & Mode of Execution

The successful bidder shall be solely responsible for the mobilization of all materials, equipment, and manpower to the designated work sites as specified in the tender documents. The bidder shall ensure safe execution, completion, and handover of the works in strict accordance with the approved technical specifications, and applicable standards.

The bidder shall also provide all required tools, plant, safety gear, and qualified technical staff necessary for proper execution of the works. All arrangements relating to site establishment, storage, handling of materials, safety, and execution logistics shall be the sole responsibility of the bidder.

4. Equipment & Site Handling Requirements

The Bidder must ensure:

- a. Availability of appropriate construction equipment, machinery, and tools required for timely and quality execution of the works.
- b. Proper storage, protection, and handling of construction materials to prevent damage, deterioration, or misuse.

5. Monitoring & Reporting

The Bidder shall:

- a. Provide regular progress updates and reports as required by PPHI-Balochistan.
- b. Immediately report any delay, accident, defect, or incident affecting the execution of works.
- c. Submit Final Completion Confirmation duly acknowledged by the Engineer / Authorized Representative of PPHI-Balochistan.

DATA-SHEET OF THE ASSIGNMENT / SCOPE OF WORK

The objective of this Data Sheet / Schedule of Requirements is to provide bidders with comprehensive and clear information to fully understand the complete scope of this Work. It ensures that all requirements of the People's Primary Healthcare Initiative (PPHI-Balochistan) related to the execution, materials, workmanship, timelines, and delivery of works are clearly defined, specified, and duly incorporated, leaving no requirement unaddressed.

It is mandatory for the bidders to meet the following given specifications. All offers meeting or exceeding the following minimum required specification shall be considered for further evaluations in accordance with the evaluation criteria.

The scope of works under this tender shall be executed on a Lot-wise basis, as detailed in the Data Sheet and attached BOQs. Bidders may quote for multiple; however, separate financial bids for each Lot shall be submitted. PPHI-Balochistan reserves the right to award the contract for one or multiple Lots to a single bidder, subject to availability of funds and satisfactory evaluation.

District-wise List of Sites – PPHI-Balochistan

Lot. No	District Name	Name of Site	BOQs Attached
1	Quetta	BHU Atta Muhammad	BOQ attached under Lot 1
2	Pishin	BHU Mehrullah Gharsheen	BOQ attached under Lot 2
3	Noshki	BHU Shareef Khan	BOQ attached under Lot 3

INSTRUCTIONS FOR PREPARING TECHNICAL BID

These Instructions are being given for strict compliance by the Bidders. **Failure to fulfill any instruction given here-under may result in dis-qualification of the Bid/s.**

Proposals shall be prepared on following lines: -

- Sealed Envelope containing the Technical Proposal should clearly state:
 - "Name of Bidder"**
 - "Name of Tender"**
 - "TECHNICAL PROPOSAL"**
- The portion of Technical Proposal of this bidding document duly filled, supported with Bidder's covering Letter and the technical Bid on Bidders Letter Head be attached as the Technical Proposal.
- Technical Proposal shall be prepared keeping in view the specifications provided in the Data Sheet and the schedule of requirements or otherwise as placed demand further during the bidding process.
- Following information should be attached/contained in the Technical Proposal: -
 - Receipt of payment of **bidding Document Fee** May be in terms of **Pay Order in favor of PPHI BALOCHISTAN.**
 - Completion time/Delivery time**, which means; actual execution time for the titled Work.
 - Documentary **evidence of fulfillment of eligibility criteria** for Bidders as required by the Peoples Primary Healthcare Initiative, Balochistan. (PPHI-Balochistan).
 - Documentary evidence of **fulfillment of complete schedule of requirements as per evaluation criteria** including technical, administrative and service requirements of the Peoples Primary Healthcare Initiative, Balochistan (PPHI-Balochistan)
 - Description of status** as Partnership / authorization from the Firm / authorized importer / distributor / manufacturer / retailer etc. (as the case may be) as required by the People's Primary Healthcare Initiative, Balochistan (PPHI-Balochistan) in the schedule of requirements.

- f. **Defect Liability Period:** details. (As applicable) as required by the Peoples Primary Healthcare Initiative, Balochistan (PPHI-Balochistan) in the schedule of requirements as mentioned.
 - g. Every page of the **Bid must be numbered, signed & stamped** by the authorized representative.
5. Attachment of any document not demanded by the Peoples Primary Healthcare Initiative (PPHI-Balochistan) at instruction of “Instruction for preparation of Technical Bid” is strictly prohibited.

Evaluation Criteria: Selection of the successful bidder shall be based on the **Single Stage-Two Envelop Method**

The procedure shall be applied as follows: -

1. **Bidders Eligibility Assessment.** Initial evaluation of the technical proposals shall be carried-out by the **PROCUREMENT COMMITTEE**, as per the requirements of the eligibility criteria laid down under the heading of “Letter of Invitation for Bids – Eligibility Criteria for Bidders” in the following manner:

Sr. No.	Bidders Eligibility Factor	Requirement	Documents Attached	
			YES	NO
01	Legal Status & Tax Registration.	Copies of valid NTN Certificate, GST & BSTS Registration Certificate (Where applicable), and Active Taxpayer Profile, duly verifiable from FBR IRIS / official FBR and BRA website.		
02	Relevant Experience	Copies of Work Orders and Completion Certificates, clearly mentioning scope, value, and dates, duly attested by Senior Executive of the firm.		
03	Financial Capacity (For Firms)	Audited Financial Statements OR Annual Income Tax Return only showing the bidder have an average turnover of PKR 15 Million for the last 03 years (2023,2024,2025)		
04	Non-Blacklisting and disclosure of litigation cases	Declaration of Non-blacklisting and disclosure of litigation cases on Non Judicial Stamp paper by the Bidder/Individual.		
05	PEC Registration	Copy of valid PEC Registration Certificate clearly showing category, specialization, and validity.		
06	Technical Capacity	Detailed CVs of the HR/Individual along with PEC registration. 01 Civil Engineer(PEC Registered) 01 Site Supervisor.		
07	Delivery time compliance	Completion time must be clearly specified in the Technical Bid. i-e 90 Days.		
08	Agreement with all the terms & conditions	Signature & company seal on every page of the bidding document.		
09	Submission of Bidding Document Fee & Bid Security	As required by the People’s Primary Healthcare Initiative (PPHI-Balochistan) in the Tender Notice.		

- i. Firm must score “YES” in all requirements of the eligibility criteria to be categorized as Eligible. “NO” to any requirement of the eligibility criteria, by any bidder shall render the Firm as Ineligible.
- ii. Subsequent upon said assessment, Bidders shall be categorized as:
 1. Eligible Bidders

2. Ineligible Bidders

2. Return of Non-Responsive Proposals & preparation of Technical Evaluation Report. Technical Proposals not conforming to the required technical, administrative or legal requirements shall be declared as “Disqualified” and consequently shall **NOT** be accepted for any further evaluation:

- i. Their financial proposals shall be returned without being opened.
- ii. Their Bid security shall be released upon their written request.
- iii. Technical Evaluation Report, shall be prepared duly signed by all the members of the Procurement Committee, giving **REASONS** for;
 1. Acceptance of the Eligible Bid/s and.
 2. Rejection of the Ineligible Bid/s.
- iv. Technical Evaluation concludes at this stage.

3. Recommendation of Procurement Committee

After Technical Qualification, the contract will be awarded to the “Lowest Financially Evaluated bidder” with minimum quoted rates among all the Technical qualified Contractors.

Note

BID GRIEVANCES

Any bidder having a grievance relating to the technical evaluation, financial evaluation, bid responsiveness, qualification, or bid comparison, shall submit the grievance in writing to the Chief Executive Officer, PPHI-Balochistan, for onward submission to the Grievance Redressal Committee, within Five (05) working days from the date of issuance/communication of the relevant evaluation result and, in any case, prior to the award of contract. Any grievance received after the prescribed period or after the award of contract shall not be entertained. Failure to submit a grievance within the stipulated time shall constitute a waiver of the bidder's right to challenge the procurement proceedings before the Procuring Agency.



The Head Office,
People's Primary Healthcare Initiative, Balochistan.
Admin Section
Ref No. PPHI-B/H.O-BLN/CW/2026/QPN
Dated: _____

Financial Proposal

People's Primary Healthcare Initiative (PPHI) - Balochistan

**TENDER DOCUMENT FOR CONSTRUCTION OF PREFABRICATED BHU IN
DISTRICTS QUETTA, PISHIN AND NOSHKI, PPHI-BALUCHISTAN**

NAME OF BIDDER: _____
(To be filled-in by the Bidder)

Address: Peoples Primary Healthcare Initiative (PPHI) Balochistan
House # 8-A, Jinnah Town Samungli Road, Quetta-Pakistan.

Phone: 081-2863620
Website: www.pphib.org

1. Name of company: _____

2. Complete Postal Address: _____

3. Tel No: _____ 4. Email address: _____

5. Fax No: _____ 6. Mobile No: _____

2. Authorized Representative's name & designation:

8. Type of Business:

- (1) Sole Proprietorship ☐ (2) Partnership ☐
(3) Corporation (Private Ltd.) ☐ (4) Corporation (Public Ltd) ☐

9. National Tax Number& Date of issuance: _____

10. Sales Tax Registration No. / BRA Registration No. _____

11. GST No. _____

12. BRA No. _____

13. Bid Validity: _____ (Please specify in No. of Days)

14. Total Bid Value: _____ (In Pakistani Rupees)

INSTRUCTIONS FOR PREPARING FINANCIAL PROPOSAL

These Instructions are being given for strict compliance by the Bidders. **Failure to fulfill any instruction given here-under may result in disqualification of the Bid/s.**

Financial Proposals shall be prepared on following lines: -

1. Sealed Envelope containing the Financial Proposal should clearly state:
 - a. **"Name of Bidder"**
 - b. **"Name of Tender"**
 - c. **"Financial Proposal"**
2. The portion of Financial Proposal of this bidding document duly filled, supported with Bidder's covering Letter be attached as the Financial Proposal of the bidder.
3. Following information should be attached/contained in the financial proposal: -
 - a. Original Bid Security (If required by the Peoples Primary Health Initiative (PPHI-Balochistan).
 - b. Taxes must be included along-with the price of each item.
 - c. Financial Bid shall be prepared on the Bidders Letter Head in the BOQs format attached in tender and needs to be provide in the financial proposal.

Note: Each Bidder must mention clearly the applicable rate of BRA & GST on each item of its Bid.

4. Offer must be quoted on TCA (Total Cost of Acquisition) basis at the risk & cost of the bidder. This means:
 - i. ALL costs (including duties, taxes & other Govt. payables) incurred up-to delivery at the designated location of the Peoples Primary Health Initiative (PPHI-B).
 - ii. Complete services as required in the schedule of requirements of this bidding document.
 - iii. Cost including fixation, assembling, dismantling etc. (As & where applicable).
5. BST/GST Taxes must be included along-with the price of each item/components/service.
6. In-case of any Tax exemptions, exemption certificate from the concerned Tax Office / Regional Tax Office pertaining particularly to this case may be provided; otherwise, taxes shall be deducted as per Government Policy / Rules.
7. **Financial Evaluation.** Financial Proposals of the Responsive Technical Proposals shall be publicly opened of Technically qualified bidders in the next meeting as specified in this document under the heading of "Letter of Invitation for Bid" Financial Comparative Statement / Evaluation Report of the "Responsive Proposals" shall be prepared by the **PROCUREMENT COMMITTEE** in the following manner:

Financial Evaluation Criteria

Lot No. 01					
Sr. No	BOQ Reference	Qualified Bidder 1 (Total Price – PKR) incl. all taxes	Qualified Bidder 2 (Total Price – PKR) Incl. all taxes	Qualified Bidder 3 (Total Price – PKR) Incl. all taxes	Lowest Evaluated Bidder
1	BOQ–District Quetta				
Lot No. 02					
Sr. No	BOQ Reference	Qualified Bidder 1 (Total Price – PKR) incl. all taxes	Qualified Bidder 2 (Total Price – PKR) Incl. all taxes	Qualified Bidder 3 (Total Price – PKR) Incl. all taxes	Lowest Evaluated Bidder
1	BOQ–District Pishin				
Lot No. 03					

Sr. No	BOQ Reference	Qualified Bidder 1 (Total Price – PKR) incl. all taxes	Qualified Bidder 2 (Total Price – PKR) Incl. all taxes	Qualified Bidder 3 (Total Price – PKR) Incl. all taxes	Lowest Evaluated Bidder
1	BOQ–District Noshki				

Moreover;

- i. Subsequently, the prepared Financial Evaluation Report shall duly be signed by all the members of the Procurement Committee.
- ii. Comparatives of Financial will be prepared and signed by the procurement Committee in detail.
- iii. If there is any discrepancy between Unit rate and total rate, the unit rate will always govern.
- iv. If there is any discrepancy in tender documents clause and Work Order Clause, the work order Clause will always govern.
- v. If there is any discrepancy between amount in words and amount in figures, the amount in words will always govern.

5. Recommendation of Procurement Committee

- I- After Financial Evaluation (of only technically approved bidders), the contract will be awarded to the “Lowest Financially Evaluated bidder lot wise” with minimum quoted rates among all the Technical Qualified Bidders.
- II- PPHI-Balochistan reserves the right to award complete work as per mentioned as detailed in data sheet of assignment of this document or partially as this shall be subject to availability of funds.

TERMS AND CONDITIONS:

1. Tenders must be quoted in Pakistani Rupees (PKR).
2. Tax Liability:
 - i. Complete Tax liability is to be borne by the Vendor/individual as per the applicable rate of tax authority.
 - ii. Quoted prices shall be **inclusive of all applicable Taxes with maintaining of %age of BRA/ GST.**
 - iii. In-case of any Tax exemptions, exemption certificate from the concerned Tax Office / Regional Tax Office pertaining particularly to this case may be provided; otherwise, taxes shall be deducted as per Government Policy / Rules.
3. Bid Security of successful bidder/s shall be released within 30 days of completion of all deliveries as per work/supply order.
4. The bid security of successful bidders submitted by the firm shall be considered as performance security. However, if the firm/vendor opts, a separate Bid Security amounting to 2% of the total work/supply order value in lieu of total bid security or performance Security.
5. Bid Security of unsuccessful bidder/s shall be released within 10 working days from the date of award of contract to the successful bidder/s.
6. Payment release is subject to 100% work completion duly signed by the authorized officials by competent authority PPHI-Balochistan.
7. Payment:
 - i. Advance payment is not allowed.

- ii. Finance section will release 90% payment after completion of 100% work and 10% payment will be release after completion of 45 days of work completion period.
- iii. Payment shall be made upon 100% completion of the total scope of work. Payment for 50% of the scope of work will be processed, while 10% shall be withheld as performance security until completion of the remaining scope of work. The balance payment will be released upon 100% successful completion of the scope of work remaining items within 20 working days subject to the submission of all required documents and verification of quality as per the specifications outlined in the tender documents.

CURRENCY & BID VALIDITY

- **Pak Rupees & 90 Days**



PEOPLE'S PRIMARY HEALTHCARE INITIATIVE BALOCHISTAN (PPHI-B)

Summary of Prefabricated Work– Quetta, Pishin & Noshki (2026)

Sr. No.	District Name	Sr. No.	BHU Name	Estimated Amount
1	Quetta	1	BHU Atta Muhammad	37,419,065
2	Pishin	1	BHU Mehrullah Gharsheen	37,419,065
3	Noshki	1	BHU Shareef Khan	37,419,065
Total Amount <i>(Inclusive of: All Taxes, Labor cost & Transportation charges)</i>				112,257,195

LOT 1 – QUETTA

PRE-FABRICATED STRUCTURE FOR 03 BHU PPHI		
BHU Atta Muhammad-Quetta		
BOQ SCHEDULE		
S.No	DESCRIPTION OF WORKS	ESTIMATED COST
		(Rs)
PRE-FABRICATED STRUCTURE FOR BHU PPHI BALOCHISTAN		
1	Foundation Work	
2	Pre-Fab	
3	Finishing Work	
4	Electrical Work	
5	Plumbing Work	
6	Septic Tank	
7	UGWT	
8	Boundary Wall	
9	Solar System	
10	Tuff Tile	
11	Parking Shed	
	Grand Total Amount (single Unit)	

FOUNDATION WORK PRE-FABS BHU PPHI BALOCHISTAN									
S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
1.00	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)	20.	2.5	2.5	3.	375.00			
	Hard soil or soft murum								
	(S.I No. 3-21-A-iii)								
	Excavation for Foundation						Cft		
	EXCAVATION F-1						Cft		
							Cft		
					Total	375.00	Cft		
2.00	Spraying approved anti-termite chemical mixed with water in the ratio of 1:40				3.				
	(S.I No. 3-69)								
	Anti- Tremite Spray					Sft			
	EXCAVATION F-1	20.	2.5	125.00		Sft			
		1.	62.	39.		2,418.00	Sft		
					Total	2,543.00	Sft		
3.00	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.	20.	2.5	2.5	0.25	31.25	Cft		
	(S.I No. 5-8e)								
	P.C.C 1:4:8 in Foundation								
	EXCAVATION F-1								
					Total	31.25	Cft		
4.00	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing	20.	2.5	2.5	0.75	93.75	Cft		
	(S.I No. 5-11a)								
	R.C.C 1:2:4 in Footing								
	F-1								
					Total	93.75	Cft		
5.00	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in super structure including compacting, curing, cost of form-work & its removal in basement and ground floor.	20.	1.	1.	4.	80.00	Cft		
	(S.I No. 5-15-c)								
	R.C.C 1:2:4								
	C-1								
					Total	88.00	Cft		

6.00	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi2000psi) including scaffolding, raking out joints and curing in foundation and substructure/Basement i/c cost of testing								
	(S.I No. 11-3-a-ii)								
	Long wall	2.	62.	1.13	4.	558.00			
	Short wall	2.	39.	1.13	4.	351.00			
	horizontal wall	13.	16.	1.13	4.	936.00			
					Total	1,845.00	Cft		
7.00	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in beams, lintels and cantilevers of required shape or section including formwork and its removal compacting and curing in basement and ground floor								
	(S.I No. 5-15c)								
	PLINTH BEAM								
	Long wall	2.	62.	0.75	1.	93.00			
	Short wall	2.	39.	0.75	1.	58.50			
	horizontal wall	13.	16.	0.75	1.	156.00			
					Total	307.50	Cft		
8.00	Providing and laying with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately								
	(S.I No. 8-3/A)								
	DPC								
	Long wall	2.	62.	0.75		93.00	Sft		
	Short wall	2.	39.	0.75		58.50	Sft		
	horizontal wall	13.	16.	0.75		156.00	Sft		
					Total	307.50	Sft		
9.00	3/4 inch (19 mm) thick cement plaster using coarse sand on walls and columns in basement, Plinth and ground floor including making edges corner and curing 1:3								
	Plastering Plinth foundation	1	318		4	1,272.00	Sft		
	(S.I No. 15-4-ii)								
					Total	1,272.00	Cft		

10.00	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness With new earth excavated from outside, lead upto 100 ft. (30m) and lift upto 5 ft. (1.5m) including royalty of Clay	1.	62.	39.	3.	7,254.00	Cft		
	(S.I No. 3-16-b)								
	Filling								
	Coverd Area								
					Total	7,254.00	Cft		
11.00	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height								
	(S.I.NO 5-65-a)								
	Reinforcement								
	Footing	93.75	5.87	-	-	0.55			
	Columns	88.	4.56	-	-	0.50			
	Plinth Beam	176.63	3.63	-	-	0.90			
					Total	1.95	Tonne		
GRAND TOTAL (CIVIL SECHDULE ITEM) IN Rs.									

PREFABRICATED STRUCTRE

GRAND TOTAL (CIVIL NON-SCHEDULE ITEM) IN Rs.

PRE-FABS BHU PPHI BALOCHISTAN									
FINSHING WORKS									
S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Providing and laying hand mixed cement concrete bed under floors (S.I No. 14-1-b) P.C.C 1:4:8 under Floor								
	OPD ROOM	1.	16.	14.	0.25	56.00	Cft		
	VACCINATION ROOM	1.	14.	12.	0.25	42.00	Cft		
	LABOUR ROOM	1.	16.	14.	0.25	56.00	Cft		
	KANGAROO ROOM	1.	16.	14.	0.25	56.00	Cft		
	FAMILY PLANNING	1.	16.	12.	0.25	48.00	Cft		
	PHARMACY	1.	12.	12.	0.25	36.00	Cft		
	BALANCE AREA (DRUG STORE + WASHES + CORRIDOR)	1.	854.33	1.	0.25	213.58	Cft		
					Total	507.58	Cft		
2	Providing and laying Vitrified/ Porcelain tiles in floor with different (S.I No. 14-73-A) TILE WORKS FLOOR								
	OPD ROOM	1.	16.	14.		224.00	Sft		
	VACCINATION ROOM	1.	14.	12.		168.00	Sft		
	LABOUR ROOM	1.	16.	14.		224.00	Sft		
	KANGAROO ROOM	1.	16.	14.		224.00	Sft		
	FAMILY PLANNING	1.	16.	12.		192.00	Sft		
	BALANCE AREA (PHARMACY + STORE + WASHES + CORRIDOR)	1.	1,368.	1.		1,368.00	Sft		
					Total	2,400.00	Sft		
3	Providing and laying dado/skirting with cement sand mortar in ground floor including finishing smooth with a floating coat of neat cement, rounding corners and curing 1/2" (13 mm) thick Cement sand mortar 1 : 2								
	OPD ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	VACCINATION ROOM	2.	14.		0.5	14.00			
		2.	12.			12.00			
	LABOUR ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	KANGAROO ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	FAMILY PLANNING	2.	16.		0.5	16.00			
		2.	12.			12.00			
	PHARMACY	2.	12.	12.	0.5	12.00			
	DRUG STORE	2.	12.		0.5	12.00			
	LABORATORY WASH	2.	16.		0.5	16.00			
		2.	12.		0.5	12.00			
	CORRIDOR + WET AREAS LESS OPENINGS	1.	120.		0.5	60.00			
	(S.I No. 14-49-a)								
					Total	256.00	Sft		
4	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	1.	450.		10.	4,500.00	Sft		
	(S.I No. 17.6.1) Internal Surfaces								
					Total	4,500.00	Sft		

5	Applying weather resistant paint coating such as ICI weather shield, Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 Sq.m. (S.I No. 17.6.1) External Surfaces	1	209		6	1254			
					Total	1,254.00	Sft		
6	Providing and laying 3/4"(19mm) thick Granite black (local) polished (S.I No. 15-51/a) Marble Granite						Sft		
	MAIN ENTRANCE STEPS	3.	16.	1.		48.00			
	MAIN ENTRANCE RISERS	3.	16.	0.5		24.00			
	RAMP / LANDING	1.	20.	2.		40.00			
					Total	112.00	Sft		
7	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles (S.I No. 14-25-a) Tile Flooring in Toilet & WR Wet Areas	3.	1.	74.91	-	224.72	Sft		
					Total	224.72	Sft		
8	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles (S.I No. 14-64-a) Tile Dado in WR								
	LEFT WASH	1.	36.84	-	7.	257.88	Sft		
	RIGHT WASH	1.	36.84	-	7.	257.88	Sft		
	LABORATORY WASH	1.	30.5		7.	213.50	Sft		
					Total	729.26	Sft		
9	Providing and fixing Gypsum Board false ceiling of approved size and texture consisting of imported powder coated aluminum angle and tee framing (size 1" x 1") hunged by approved suspension system, including provision of extra framing for lights fittings, A/C diffusers and around columns, etc, complete in all respectas directed by the Engineer. 1/2" thick laminated gypsum board								
	OPD ROOM	1.	16.	14.		224.00	Sft		
	VACCINATION ROOM	1.	14.	12.		168.00	Sft		
	LABOUR ROOM	1.	16.	14.		224.00	Sft		

	KANGAROO ROOM	1.	16.	14.		224.00	Sft		
	FAMILY PLANNING	1.	16.	12.		192.00	Sft		
	PHARMACY	1.	12.	12.		144.00	Sft		
	DRUG STORE	1.	12.	16.		192.00	Sft		
	WASHROOMS	2.	10.42	8.		166.67	Sft		
	LABORATORY WASH	1.	7.25	8.		58.00	Sft		
	WIDE CORRIDOR 8 FT (S.I No. 15-58-b-ii)	1.	100.92	8.		807.33	Sft		
						2,400.00			
10	Providing and fixing factory made uPVC fixed or openable glazed Doors/windows/ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant with locks and handles with all accessories)								
	Main Entrence Door	1	6		7	42.00			
	Room Doors	11	3.5		7	269.50			
	Washrooms	2	2.5		7	35.00			
	Windows	12.	5.		6	360.00	Rft		
	Ventilators	3.	2.		2	12.00	Rft		
	(S.I No. 16-100-1)						Rft		
					Total	718.50	Rft		
11	Providing and fixing tretivne 3/4"(19mm) thick Sand Stone on interior (S.I No. 15-56/a) FRONT SIDE	1.	16.	6.		96.00	Sft		
					Total	96.00	Sft		
12	Alco bond elevation / fascia using aluminium composite panel NSR MAIN FASCIA SIDE PANEL DEDUCTION FOR OPENING								
		1.	24.	4.		96.00	Sft		
		1.	16.	4.		64.00	Sft		
		-1.	8.	4.		-32.00	Sft		
					Total	128.00	Sft		
13	Providing and fixing approved standard finger plate with Brass finger plate 6" x 2.25" (150 mm x 57 mm) (S.I.No. 16-68-a) Finger Plate	2.				2.00	Each		
					Total	2.00	Each		
	TOTAL (SECHDULE ITEM) IN Rs.								

ELECTRICAL WORKS

S.No	Schedule Item	Description	Unit	Quantity	Rate	Amount
1	31.3/A	Concealed wiring point to point with 3x1.5 sqmm PVC insulated copper wire complete	Point	20.00		
2	30.5	Two-way light points wiring complete	Point	10.00		
3	30.8/a	Socket outlet wiring 5 Amp	Point	16.00		
4	30.9	Wiring of 5 Amps socket outlet with 4 sqmm cable	R.M	200.00		
5	30.10	Wiring with 2.5 sqmm PVC insulated cable	R.M	150.00		
6	30.21	PVC conduit 3/4 inch	Rft	400.00		
7	30.22	PVC conduit 1 inch	Rft	350.00		
8	30.24	PVC conduit 1.5 inch	Rft	300.00		
9	30.25	PVC conduit 2 inch	Rft	200.00		
10	30.32	2.5 sqmm cable for AC	R.M	100.00		
11	30.35	10 sqmm cable	R.M	120.00		
12	30.39	50 sqmm CPC cable	R.M	100.00		
13	30-91	Earthing complete set	Nos	1.00		
14	30.124.a	light Fixture Philips Type LED 13W, complete in all respect with allied accessories or approved equivalent. The fitting shall be approved by the Engineer	Each	115.00		
15	30.59	upply and install surface mounted flourescent light fixture tube light with a 40W. Lamp TMS-140 Philips type or approved equivalent complete with ballast, power factor improvement capacitor, starter etc. and including all installation materials	Each	15.00		
16	30.61	Industrial reflector light	Nos	10.00		
17	30.113.a	Exhaust fan 10 inch	Each	3.00		
18	30.114	Bracket fan 20 inch	Each	2.00		
19	30.115	Distribution Board	Each	1.00		
20	30-87	Ceiling fan 56 inch	No	8.00		
21	30-108-b	Split AC 1.5 Ton (inverter AC Heat/Cool)	No	2.00		
					GRAND TOTAL	

PLUMBING WORK								
S.NO	DESCRIPTION	NO	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
							(Pak Rs)	(Pak Rs)
	PLUMING WORKS							
1	Providing and fixing European type glazed earthenware water closet complete with all fittings (S.I No. 23-1-a(i))	2			2.00	Each		
2	Providing and fixing wash basin with mixer and fittings (S.I No. 23-5-a(i))	4			4.00	Each		
3	Providing pedestal for wash basin (S.I No. 23-5-d(i))	4			4.00	Each		
5	Providing and fixing C.P bib cock (S.I No. 23-34-a)	6			6.00	Each		
6	Providing and fixing C.P check valve (S.I No. 23-53)	4			4.00	Each		
7	Providing, laying, cutting and jointing PPRC pipes 25 mm complete (S.I No. 20-47-c)	1			500.00	Rft		
8	Providing and fixing floor trap complete (S.I No. 23-9-d)	4			4.00	Each		
9	Providing and fixing stainless steel kitchen sink (S.I No. 23-8-a)	1			1.00	Each		
10	Providing and fixing looking glass (S.I No. 23-15)	4			4.00	Each		
11	Providing and fixing towel rail (S.I No. 23-13-a)	2			2.00	Each		
12	Providing and laying uPVC pipes (3", 4", 6") complete with fitting and accessories	1			350.00	Rft		
13	Providing and fixing gully trap with chamber (S.I No. 23-43)	3			3.00	Each		
14	Water Pumping Machine Donkey Pump 2900 RPM 2 HP				1	Each		
15	Providing and fixing LDPE overhead tank manufactured by Dura or equivalent on top of any floor (S.I No. 27-44-e)	2			2.00	No		
GRAND TOTAL								

SEPTICK TANK										
S.NO	SCHEDU LE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	3-21-A-IV	EXCAVATTION IN UNDRESSED LEAD UPTO 50FT MANUAL FOR COVERED AREA OF LESS THAN 250 FT IN SHINGLE OR GRAVEL	1.	10.	10.	9.	900.00	CFT		
						Total	900.00	CFT		
2	5-4-B	PROVIDING AND LAYING CEMENT CONCRETE 1:4:8 USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 1-1/2" (38MM) & DOWN GAUGA IN FOUNDATION INCLUDIND LEVELING ,COMPACTING AND CURING	1.	10.	10.	0.25	25.00	Cft		
						Total	25.00	Cft		
3	5-22-A	PROVIDING AND LAYING 1:2:4 CEMENT CONCRETE USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 3/4"(19MM)& DOWN GAUGE IN UNDER GROUND TANK SEPTIC TANK AND UNDERGROUNDO DRAIN INCLUDING FORMWORK AND ITS REMOVAL , COMPACTING AND CURING FOUNDATION AND FLOOR SLAB.	1.	10.	10.	1.	100.00	Cft		
						Total	100.00	Cft		
4	11-3-B-iii	P/L FIRST CLASS BRICK MASONARY STRENGTH 1800- 2000 PSI CEMENT SAND 1:4 INCLUDING SCAFFOLDING, RAKING OUT JOINTS AND CURING IN FOUNDATION ABOVE 4.5" NOMINAL THICK BW	4.	8.	0.75	7.	168.00	cft		
						Total	168.00	cft		
6	5-22-C	P/L 1:2:4 CEMENT CONCRETE USING APPROVED COARSE SAND AND CRUSHED AGGRAGATE 3/4" (19MM) AND DOWN GUAGE IN UNDERGROUND TANK SEPTIC TANK AND UNDERGROUND DRAIN INCLUDING FORMWORK AND ITS REMOVAL , COMPACTING AND CURING IN TOP SLAB UPTO 6"	1.	8.	8.	0.5	32.00	Cft		
						Total	32.00	Cft		
7	5-65-A	PROVIDING AND FEBRICATING AND LAYING TOR STEEL GRADE 60 HAVING YEILD STRENGTH EQUAL TO 600000 PSI REINFORCMENT FOR ALL KIND OF RCC WORK IN FOUNDATION , PLINTH AND	1. 1. 1. 1. 1.			Total	200.00 260.00 136.00 596.00 0.60 1,192.60	kg kg kg kg kg		
						Total	1.19	Ton		

8	14-4-D	P/L TERRAZO/MOSAIC FLOOR IN GROUND FLOOE OVER 1" THICK BASE OF 1:2:4 CEMENT CONCRETE USING CRUSHED AGGREGATE 3/4" AND DOWN GRADE LAID IN PANELS OR APPROVED PATTERN INCLUDING FORMWORK CURING CUTTING REMOVING AND POLISHED 3/4" THICK TERRAZO TOPPING 1:2(ONCE CEMENT 2 MARBLE CHIPS	1.	8.	8.		64.00	SFT		
						Total	64.00	SFT		
10	141-50- A+14-53- A	P/L TERRAZO DADO/SKIRTING 7/8" THICK COMPARSING 3/8" THICK TOPPING 1:2 (1 GREY CEMENT AND 2 MARBLE CHIPS) IN GROUND FLOOR OVER 1/2" THICK CEMENT SAND MORTER BASE 1:4 WITH GRINDING RUBBING POLISHING & CURING	4.	8.		7.	224.00	SFT		
						Total	224.00	SFT		
11	25-12-B	P/F STEP IRON STEP OR FOOT REST IN MANHOLE CHAMBERS INCLUDING SETTING TO CORRECT LINES AND LEVEL ANGLE IRON 1.25"X1.25"X3/1".	1.	4.			4.00	EACH		
						Total	4.00	EACH		
12	5-38-C	P/F PVC RIBBED WATER STOPPER IN VERTICAL AND HORIZONTAL EXPANSION JOINTS INCLUDING CUTTING OR JOINTING PVC RIBBED WATER STOP 9" WIDE	4.	8.			32.00	RFT		
						Total	32.00	RFT		
13	28-7-1	P/F HOT DIPPED GALVANISED SINGLE LEAF STEEL DOOR WITH 2"X2"X1/4" FRAME FULLY PANELLLED WITH 16 GUAGE (1.59MM) G-I SHEET WITH BRASS FITTING OF APPROVED MAKE INCLUDING COST OF FABRICATION IRON LUGS CUTTING HOLES AND MAKING GOOD THE DAMAGES TO WALLS.	1.	2.	2.		4.00	SFT		
						Total	4.00	SFT		
		TOTAL AMOUNT								

BILL OF QUANTITIES FOR CONSTRUCTION OF UNDER GROUND WATER TANK 7'X7'X6'										
SNo	SI NO CSR 26, MSR	Descriptions	Unit	No	L	W	D/H	Quantity	Rate	Amount
		PIT EXCAVATION								
1	3-4 D	Borrow pit excavation depth upto 10 ft. (3 m) undressed lead upto 100 ft. (30m)								
		Excavation	Cft	1	8	8	6	384		
		Total	Cft					384		
		LEAN CONCRETE								
2	(S.I No. 5-8e)	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing								
		Lean concrete	Cft	1	8	8	0.25	16.0		
		Total	Cft					16.0		
		PCC 1:2:4								
3	(S.I No. 5-11a)	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing								
		Floor bed	Cft	1	8	8	0.5	32.0		
		Total						32.0		
		RCC 1:2:4								
4	5-23-c	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in underground tank, septic tank and underground drain including formwork and its removal, compacting and curing.								
		Top slab upto 6" (150 mm) thick	Cft	1	9	9	0.5	40.50		
		Long Walls	Cft	2	8	0.5	6	48.00		
		Short Walls	Cft	2	7	0.5	6	42.00		
		Total						89.38		
		PLASTERING WORK								
5	(15-4/iii).	19 mm (3/4") thick cement plaster on walls and columns in basement, plinth and ground floor including making edges, corners and curing.								
		Internal Long Walls	Sft	2	8		6	96		
		Internal Short Walls	Sft	2	7		6	84		
		Net Qty						180		
		PPRC PIPES AND FITTINGS								

6	27-47	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material							
			Rft	1	334			334	
		Total	Rft					334	
		STEEL COVER							
7	28-7	Providing and fixing hot dipped Galvanised single leaf steel door with 2" x 2" x 1/4" frame fully panelled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.							
		Steel Cover	Sft	1		2	1.5	3	
		Total	Sft					3	
		STEEL REINFORCEMENT							
8	(S.I.NO 5-65-a)	Providing, fabricating and laying mild steel reinforcement for all kinds of R.C.C. work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete space blocks or M.S chairs for binding and holding the reinforcement in position is inclusive upto 5m (14.6 ft.)							
		Calculation of steel using Thumbs Rule						200.00	
		3.5Kg/Cft of RCC 1:2:4	Kg			4		800.00	
		GLAVNIZED IRON PIPE							
9	(28_54)	Providing and fixing G.I. pipe railing 2.5 ft high of required diameter, comprising vertical posts and horizontal bracings of G.I. pipe of the same dia including cost of specials, bends, threading cutting and making good the floor or wall and or slab of any kind in cement concrete 1:2:4 (Actual pipe length used for vertical posts and horizontal bracings to be measured, length of specials used not to be deducted)							
			RFT	21				21.00	
		Total	RFT					21.00	

		FITTINGS							
10	(23_50 /a)	Providing and fitting union/socket							
		a) 1/2" (15 mm) inner dia.	Nos	4				4.00	
		Total	Nos					4.00	
SUB-TOTAL									

BOUNDARY WALL (ECONOMICAL NORMAL DESIGN) + FRONT SIMPLE GRILL + MAIN GATE

ENGINEER'S ESTIMATE

BOUNDARY WALL

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Excavation in foundation of boundary wall, front pillars and gate posts including layout, dressing, refilling around structures with excavated earth, watering & ramming, lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m). Hard soil / ordinary soil								
	(S.I No. 3-21-A-iii)								
	Excavation for 3-side brick wall foundation	1	230.00	2.50	3.00	1,725.00	Cft		
	Excavation for front base wall foundation	1	38.00	2.50	3.00	285.00	Cft		
	Excavation for front decorative pillar footings	3	4.00	4.00	4.00	192.00	Cft		
	Excavation for main gate post footings	2	4.00	4.00	4.00	128.00	Cft		
	Gate tie beam trench	2	12.00	2.00	4.00	192.00	Cft		
	Total					2,522.00	Cft		
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.								
	(S.I No. 5-8e) P.C.C 1:4:8 in Foundation								
	Lean concrete below 3-side wall foundation	1	230.00	2.50	0.25	143.75	Cft		
	Lean concrete below front base wall	1	38.00	2.50	0.25	23.75	Cft		
	Lean concrete below front pillar footings	3	4.00	4.00	0.25	12.00	Cft		
	Lean concrete below gate post footings	2	4.00	4.00	0.25	8.00	Cft		
	Lean concrete below gate tie beam	2	12.00	2.00	0.25	12.00	Cft		
	Total					199.50	Cft		
3	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in footing including leveling, compacting and curing.								
	(S.I No. 5-8-C) R.C.C 1:2:4 in Footing								
	RCC strip footing below 3-side wall	1	230.00	2.50	1.00	575.00	Cft		
	RCC strip footing below front base wall	1	38.00	2.50	1.00	95.00	Cft		
	RCC footing for front pillars	3	4.00	4.00	1.00	48.00	Cft		
	RCC footing for main gate posts	2	4.00	4.00	1.00	32.00	Cft		
	RCC gate tie beam / footing beam	2	12.00	2.00	1.00	48.00	Cft		
	Total					798.00	Cft		
4	Providing and laying in situ cement concrete 1:2:4 using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns including compaction, curing, cost of form-work & its removal in foundation and plinth portion.								
	(S.I No. 5-15 c) Below Plinth								

	3-side wall RCC columns below plinth	21	0.75	0.75	4.00	47.25	Cft		
	Front decorative pillars below plinth	3	0.75	0.75	4.00	6.75	Cft		
	Main gate posts below plinth (economical)	2	1.5	1.5	4.00	18.00	Cft		
	Total					72.00	Cft		
5	Providing and laying cement sand 1:4 first class solid burnt brick masonry including scaffolding, raking out joints and curing in foundation and plinth / basement. (S.I No. 11-12/b-iii)								
	Brick Work in Foundation								
	Brick work in foundation / plinth for 3-side walls	1	230.00	0.75	1.00	172.50	Cft		
	Brick work in foundation / plinth for front base wall	1	38.00	0.75	1.00	28.50	Cft		
	Total					201.00	Cft		

6	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate in plinth band / beam, door band and roof band including formwork, compacting and curing but excluding cost of reinforcement. (S.I No. 5-49a)								
	Plinth / Tie Beams								
	3-side wall plinth beam	1	230.00	0.75	1.00	172.50	Cft		
	Front wall plinth beam	1	38.00	0.75	1.00	28.50	Cft		
	Gate plinth / tie beam	1	12.00	2.00	1.50	36.00	Cft		
	Total					237.00	Cft		
7	Providing and laying in situ cement concrete 1:2:4 in RCC columns / posts and top beam for wall and gate supports including compaction, curing, cost of form-work & its removal above plinth. (S.I No. 5-15 c)								
	Supra Structure RCC								
	3-side wall RCC columns above plinth	21	0.75	0.75	6.00	70.88	Cft		
	Front decorative pillars above plinth	3	0.75	0.75	6.00	10.13	Cft		
	Main gate posts above plinth (economical)	2	1.50	1.50	8.50	38.25	Cft		
	RCC top beam over front grill panels	1	38.00	1.00	1.00	38.00	Cft		
	Total					157.25	Cft		
8	Providing and laying 1:4 first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure. (S.I No. 11-12/b-iii)								
	Brick Masonry Above Plinth								
	3-side solid brick wall (9 in thick)	1	230.00	0.75	6.00	1035.00	Cft		
	Deduction of 3-side RCC columns	-21	1.00	0.75	3.50	-55.13	Cft		
	Front brick base below grill	1	38.00	0.75	2.50	71.25	Cft		
	Deduction of front decorative pillars	-3	1.00	0.75	2.50	-5.63	Cft		
	Total					1,045.50	Cft		
9	1/2 inch (13mm) thick cement plaster using coarse sand on both sides of brick wall and exposed RCC surfaces including making edges, corners and curing. 1:4 mix. (Adopted as per uploaded CSR screenshot)								
	12 mm Plaster								
	Both sides of 3-side solid brick wall	2	230.00	3.50	1.00	1,610.00	Sft		
	Both sides of front brick base	2	38.00	2.50	1.00	190.00	Sft		
	Total					1,800.00	Sft		
						167.23	Sqm		

[illegible]

Supply of Solar Hybrid System

ENGINEER'S ESTIMATE

Sr. No.	C.S.R Item No.	Description	Unit	Qty	Rate	Amount Rs.
1	NSI	Supply and Erection of SOLAR PANEL Efficiency should be more than 16%- fill factor should be more than 75%- Monocrystalline/Polycrystalline Structure- nominal voltage ratings of 12, 24, or 48 V - Warranty: 80% Output after 25 years - Environmental Data: -10 to 90 C- IEC Certification 61215, 61730 Part I and II- Junction Box IP 67 Rating-Nominal Operating Cell Temperature 45±2 C-Max System Voltage 1000V DC (IEC) Supply, Install, connect, test and commission of SOLAR PANEL (European) & accessories.	Watt	7,380.00		
2	31-1/d (1)	Galvanized iron mounting structures-supported by galvanized Footing-120 Km ph wind speed withstanding Supply,Install,connect,test and commission of SOLAR MOUNTING STRUCTURE & accessories	Per Watt	7,380.00		
3	31-36/n	Supply, install, connect, test and commission of batteries & accessories.n) battery Osaka TA2500 Tabular plate deep cycle 12 V 230AH 9 plates	Each	4.00		
4	31-1/b-2	Supply, Install, connect, test and provision of an IP65-rated inverter hybrid SOLAR INVERTER (Inverex) & accessories.	Watt	5,250.00		
5	31-22/n	2 Pole Circuit Breaker 63 Ampere	Each	4.00		
6	31-22/k	2 Pole Circuit Breaker 32 Ampere	Each	2.00		
7	31-27-1	Provide,install,testandcommissionrecessedwallmount ingtypedistributionboardfabricatedfrom16SWGsteels heet,powdercoatedwith approved color 2'x2'x1.5'	Job	2.00		
8	31-03-2/e	DC Cable Single Core 35 sq.mm2 flexible copper cable	R.ft.	20.00		
9	31-3/c	DC Cable 6mm2 single core	R.ft.	300.00		
10	31-3/i	DC Cable 10mm2 Two Core	R.ft.	100.00		
11	30-92	Supply and install pair of earth electrode comprising 13 ft (4m) long 2" (50mm) dia G.I. pipe having 3/8" (10mm) dia holes at 20" (500mm)c/c all along the length of pipe burie 15ft (4.5m) underground in upright position including all accessories for complete installation such as nuts bolts, washers 2x3/0 SWG copper conductor earthing lead complete in all respect.	job	1.00		
12	30-25	Description same as in item 30-21 except 2" (50mm) dia PVC conduit.	ft	100.00		
13	31-26	Supplying G.I. PVC Flexible pipe of approved make including the cost of specials.(a)25 mm diameter	R.ft.	100.00		
TOTAL						

TUFF PAVER ENGINEER'S ESTIMATE

S.NO	SCHEDULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
									(Pak Rs)	(Pak Rs)
1	21-2-1	TUFF PAVER Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing, watering and consolidation lead upto 100ft. (30m). Cutting And Laveling for Tuff Tile Pavment								
		OPEN SPACE	2.	98.25	15.	1.	2,947.50	Cft		
			1.	61.	12.	1.	732.00	Cft		
		Parking	1.	60.	54.	1.	3,240.00	Cft		
						Total Qty	6,919.50	Cft		
2	3-16-B	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness.								
		Filling,	2.	98.25	15.	0.75	2,210.63			
			1.	61.	12.	0.75	549.00	Cft		
		Parking	1.	60.	54.	0.75	2,430.00	Cft		
						Total Qty	2,979.00	Cft		
3	21-91-b	Supply and Fixing of Concrete pavers on 3" thick sand cushion of different designs having thickness of 80 mm, mechanically compressed, minimum strenght of 7000 psi after laboratory testing at factory and random testiing at site as and when desired by the Engineer inchange comple in all respects. (No PCC work is premitted underneath this item of work)								
		Concerte Paver on 3" Thick								
		OPEN SPACE	2.	98.25	15.		2,947.50	Cft		
			1.	61.	12.		732.00	Cft		
		PARKING AREA	1.	60.	54.		3,240.00	Cft		
						Total Qty	6,919.50	Cft		
TOTAL AMOUNT										

CAR PARKING SHED ENGINEER'S ESTIMATE										
S.NO	SCHED ULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE <i>(Pak Rs)</i>	AMOUNT <i>(Pak Rs)</i>
1	3-21-a-iv	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel) Poles	14	2.00	2.00	2.00	112.00	Cft		
						Total	112.00	Cft		
2	5-5c	Providing and laying plain hand mixed 1:4:8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing. Poles	14	2.00	2.00	0.50	28.00	CFT		
						Total	28.00	CFT		
3	5-12-a	Providing and laying in situ cement concrete (1;2;4 cement sand & crush) using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, Poles	14	2.00	2.00	0.75	42.00	CFT		
						Total	42.00	CFT		
4	5-65-a	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and including the cost of straightening, removal of rust,cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height Footting Poles Dis bars Poles	 168 168	 8.00 8.00	 0.67 0.67	 0.45 0.45	 406.63 406.63	 Kg Kg		
						Total	813.26	Kg		
						Total	0.81	ton		
5	15-49/a	Providing and fixing of 2 mm thick Flat UV Stabilized Fiber Glass Reinforced Plastic Sheet roofing upto required pitch i/c fixing J or L hooks, bolts & nuts 8 mm dia. as specified	2	35.00	18.00		1,260.00	Sft		
						TOTAL	1,260.00	Sft		
						TOTAL	192.00	Rft		
	TOTAL									

TOTAL	100%
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LOT 2 – PISHIN

BHU Mehrullah Gharsheen – Pishin		
BOQ SCHEDULE		
S.No	DESCRIPTION OF WORKS	ESTIMATED COST
		(Rs)
PRE-FABRICATED STRUCTURE FOR BHU PPHI BALOCHISTAN		
1	Foundation Work	
2	Pre-Fab	
3	Finishing Work	
4	Electrical Work	
5	Plumbing Work	
6	Septic Tank	
7	UGWT	
8	Boundary Wall	
9	Solar System	
10	Tuff Tile	
11	Parking Shed	
	Grand Total Amount (single Unit)	

FOUNDATION WORK PRE-FABS BHU PPHI BALOCHISTAN									
S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
1.00	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)	20.	2.5	2.5	3.	375.00			
	Hard soil or soft murum								
	(S.I No. 3-21-A-iii)								
	Excavation for Foundation						Cft		
	EXCAVATION F-1						Cft		
							Cft		
					Total	375.00	Cft		
2.00	Spraying approved anti-termite chemical mixed with water in the ratio of 1:40				3.				
	(S.I No. 3-69)								
	Anti- Tremite Spray					Sft			
	EXCAVATION F-1	20.	2.5	125.00		Sft			
		1.	62.	39.		2,418.00	Sft		
					Total	2,543.00	Sft		
3.00	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.	20.	2.5	2.5	0.25	31.25	Cft		
	(S.I No. 5-8e)								
	P.C.C 1:4:8 in Foundation								
	EXCAVATION F-1								
					Total	31.25	Cft		
4.00	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing	20.	2.5	2.5	0.75	93.75	Cft		
	(S.I No. 5-11a)								
	R.C.C 1:2:4 in Footing								
	F-1								
					Total	93.75	Cft		
5.00	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in super structure including compacting, curing, cost of form-work & its removal in basement and ground floor.	20.	1.	1.	4.	80.00	Cft		
	(S.I No. 5-15-c)								
	R.C.C 1:2:4								
	C-1								
					Total	88.00	Cft		

6.00	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi2000psi) including scaffolding, raking out joints and curing in foundation and substructure/Basement i/c cost of testing								
	(S.I No. 11-3-a-ii)								
	Long wall	2.	62.	1.13	4.	558.00			
	Short wall	2.	39.	1.13	4.	351.00			
	horizontal wall	13.	16.	1.13	4.	936.00			
					Total	1,845.00	Cft		
7.00	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in beams, lintels and cantilevers of required shape or section including formwork and its removal compacting and curing in basement and ground floor								
	(S.I No. 5-15c)								
	PLINTH BEAM								
	Long wall	2.	62.	0.75	1.	93.00			
	Short wall	2.	39.	0.75	1.	58.50			
	horizontal wall	13.	16.	0.75	1.	156.00			
					Total	307.50	Cft		
8.00	Providing and laying with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately								
	(S.I No. 8-3/A)								
	DPC								
	Long wall	2.	62.	0.75		93.00	Sft		
	Short wall	2.	39.	0.75		58.50	Sft		
	horizontal wall	13.	16.	0.75		156.00	Sft		
					Total	307.50	Sft		
9.00	3/4 inch (19 mm) thick cement plaster using coarse sand on walls and columns in basement, Plinth and ground floor including making edges corner and curing 1:3								
	Plastering Plinth foundation	1	318		4	1,272.00	Sft		
	(S.I No. 15-4-ii)								
					Total	1,272.00	Cft		

10.00	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness With new earth excavated from outside, lead upto 100 ft. (30m) and lift upto 5 ft. (1.5m) including royalty of Clay	1.	62.	39.	3.	7,254.00	Cft							
	(S.I No. 3-16-b)													
	Filling													
	Coverd Area													
					Total	7,254.00	Cft							
11.00	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height													
	(S.I.NO 5-65-a)													
	Reinforcement													
	Footing									93.75	5.87	-	-	0.55
	Columns									88.	4.56	-	-	0.50
	Plinth Beam									176.63	3.63	-	-	0.90
					Total	1.95	Tonne							
GRAND TOTAL (CIVIL SECHDULE ITEM) IN Rs.														

PREFABRICATED STRUCTRE

GRAND TOTAL (CIVIL NON-SCHEDULE ITEM) IN Rs.

PRE-FABS BHU PPHI BALOCHISTAN									
FINSHING WORKS									
S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Providing and laying hand mixed cement concrete bed under floors (S.I No. 14-1-b) P.C.C 1:4:8 under Floor								
	OPD ROOM	1.	16.	14.	0.25	56.00	Cft		
	VACCINATION ROOM	1.	14.	12.	0.25	42.00	Cft		
	LABOUR ROOM	1.	16.	14.	0.25	56.00	Cft		
	KANGAROO ROOM	1.	16.	14.	0.25	56.00	Cft		
	FAMILY PLANNING	1.	16.	12.	0.25	48.00	Cft		
	PHARMACY	1.	12.	12.	0.25	36.00	Cft		
	BALANCE AREA (DRUG STORE + WASHES + CORRIDOR)	1.	854.33	1.	0.25	213.58	Cft		
					Total	507.58	Cft		
2	Providing and laying Vitrified/ Porcelain tiles in floor with different (S.I No. 14-73-A) TILE WORKS FLOOR								
	OPD ROOM	1.	16.	14.		224.00	Sft		
	VACCINATION ROOM	1.	14.	12.		168.00	Sft		
	LABOUR ROOM	1.	16.	14.		224.00	Sft		
	KANGAROO ROOM	1.	16.	14.		224.00	Sft		
	FAMILY PLANNING	1.	16.	12.		192.00	Sft		
	BALANCE AREA (PHARMACY + STORE + WASHES + CORRIDOR)	1.	1,368.	1.		1,368.00	Sft		
					Total	2,400.00	Sft		
3	Providing and laying dado/skirting with cement sand mortar in ground floor including finishing smooth with a floating coat of neat cement, rounding corners and curing 1/2" (13 mm) thick Cement sand mortar 1 : 2								
	OPD ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	VACCINATION ROOM	2.	14.		0.5	14.00			
		2.	12.			12.00			
	LABOUR ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	KANGAROO ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	FAMILY PLANNING	2.	16.		0.5	16.00			
		2.	12.			12.00			
	PHARMACY	2.	12.	12.	0.5	12.00			
	DRUG STORE	2.	12.		0.5	12.00			
	LABORATORY WASH	2.	16.		0.5	16.00			
		2.	12.		0.5	12.00			
	CORRIDOR + WET AREAS LESS OPENINGS	1.	120.		0.5	60.00			
	(S.I No. 14-49-a)								
					Total	256.00	Sft		
4	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	1.	450.		10.	4,500.00	Sft		
	(S.I No. 17.6.1) Internal Surfaces								
					Total	4,500.00	Sft		

5	Applying weather resistant paint coating such as ICI weather shield, Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 Sq.m. (S.I No. 17.6.1) External Surfaces	1	209		6	1254			
					Total	1,254.00	Sft		
6	Providing and laying 3/4"(19mm) thick Granite black (local) polished (S.I No. 15-51/a) Marble Granite						Sft		
	MAIN ENTRANCE STEPS	3.	16.	1.		48.00			
	MAIN ENTRANCE RISERS	3.	16.	0.5		24.00			
	RAMP / LANDING	1.	20.	2.		40.00			
					Total	112.00	Sft		
7	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles (S.I No. 14-25-a) Tile Flooring in Toilet & WR Wet Areas	3.	1.	74.91	-	224.72	Sft		
					Total	224.72	Sft		
8	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles (S.I No. 14-64-a) Tile Dado in WR								
	LEFT WASH	1.	36.84	-	7.	257.88	Sft		
	RIGHT WASH	1.	36.84	-	7.	257.88	Sft		
	LABORATORY WASH	1.	30.5		7.	213.50	Sft		
					Total	729.26	Sft		
9	Providing and fixing Gypsum Board false ceiling of approved size and texture consisting of imported powder coated aluminum angle and tee framing (size 1" x 1") hunged by approved suspension system, including provision of extra framing for lights fittings, A/C diffusers and around columns, etc, complete in all respectas directed by the Engineer. 1/2" thick laminated gypsum board								
	OPD ROOM	1.	16.	14.		224.00	Sft		
	VACCINATION ROOM	1.	14.	12.		168.00	Sft		
	LABOUR ROOM	1.	16.	14.		224.00	Sft		

ELECTRICAL WORKS

S.No	Schedule Item	Description	Unit	Quantity	Rate	Amount
1	31.3/A	Concealed wiring point to point with 3x1.5 sqmm PVC insulated copper wire complete	Point	20.00		
2	30.5	Two-way light points wiring complete	Point	10.00		
3	30.8/a	Socket outlet wiring 5 Amp	Point	16.00		
4	30.9	Wiring of 5 Amps socket outlet with 4 sqmm cable	R.M	200.00		
5	30.10	Wiring with 2.5 sqmm PVC insulated cable	R.M	150.00		
6	30.21	PVC conduit 3/4 inch	Rft	400.00		
7	30.22	PVC conduit 1 inch	Rft	350.00		
8	30.24	PVC conduit 1.5 inch	Rft	300.00		
9	30.25	PVC conduit 2 inch	Rft	200.00		
10	30.32	2.5 sqmm cable for AC	R.M	100.00		
11	30.35	10 sqmm cable	R.M	120.00		
12	30.39	50 sqmm CPC cable	R.M	100.00		
13	30-91	Earthing complete set	Nos	1.00		
14	30.124.a	light Fixture Philips Type LED 13W, complete in all respect with allied accessories or approved equivalent. The fitting shall be approved by the Engineer	Each	115.00		
15	30.59	upply and install surface mounted flourescent light fixture tube light with a 40W. Lamp TMS-140 Philips type or approved equivalent complete with ballast, power factor improvement capacitor, starter etc. and including all installation materials	Each	15.00		
16	30.61	Industrial reflector light	Nos	10.00		
17	30.113.a	Exhaust fan 10 inch	Each	3.00		
18	30.114	Bracket fan 20 inch	Each	2.00		
19	30.115	Distribution Board	Each	1.00		
20	30-87	Ceiling fan 56 inch	No	8.00		
21	30-108-b	Split AC 1.5 Ton (inverter AC Heat/Cool)	No	2.00		
					GRAND TOTAL	

PLUMBING WORK								
S.NO	DESCRIPTION	NO	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
							(Pak Rs)	(Pak Rs)
	PLUMING WORKS							
1	Providing and fixing European type glazed earthenware water closet complete with all fittings (S.I No. 23-1-a(i))	2			2.00	Each		
2	Providing and fixing wash basin with mixer and fittings (S.I No. 23-5-a(i))	4			4.00	Each		
3	Providing pedestal for wash basin (S.I No. 23-5-d(i))	4			4.00	Each		
5	Providing and fixing C.P bib cock (S.I No. 23-34-a)	6			6.00	Each		
6	Providing and fixing C.P check valve (S.I No. 23-53)	4			4.00	Each		
7	Providing, laying, cutting and jointing PPRC pipes 25 mm complete (S.I No. 20-47-c)	1			500.00	Rft		
8	Providing and fixing floor trap complete (S.I No. 23-9-d)	4			4.00	Each		
9	Providing and fixing stainless steel kitchen sink (S.I No. 23-8-a)	1			1.00	Each		
10	Providing and fixing looking glass (S.I No. 23-15)	4			4.00	Each		
11	Providing and fixing towel rail (S.I No. 23-13-a)	2			2.00	Each		
12	Providing and laying uPVC pipes (3", 4", 6") complete with fitting and accessories	1			350.00	Rft		
13	Providing and fixing gully trap with chamber (S.I No. 23-43)	3			3.00	Each		
14	Water Pumping Machine Donkey Pump 2900 RPM 2 HP				1	Each		
15	Providing and fixing LDPE overhead tank manufactured by Dura or equivalent on top of any floor (S.I No. 27-44-e)	2			2.00	No		
GRAND TOTAL								

SEPTICK TANK										
S.NO	SCHEDU LE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	3-21-A-IV	EXCAVATTION IN UNDRESSED LEAD UPTO 50FT MANUAL FOR COVERED AREA OF LESS THAN 250 FT IN SHINGLE OR GRAVEL	1.	10.	10.	9.	900.00	CFT		
						Total	900.00	CFT		
2	5-4-B	PROVIDING AND LAYING CEMENT CONCRETE 1:4:8 USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 1-1/2" (38MM) & DOWN GAUGA IN FOUNDATION INCLUDIND LEVELING ,COMPACTING AND CURING	1.	10.	10.	0.25	25.00	Cft		
						Total	25.00	Cft		
3	5-22-A	PROVIDING AND LAYING 1:2:4 CEMENT CONCRETE USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 3/4"(19MM)& DOWN GAUGE IN UNDER GROUND TANK SEPTIC TANK AND UNDERGROUNND DRAIN INCLUDING FORMWORK AND ITS REMOVAL , COMPACTING AND CURING FOUNDATION AND FLOOR SLAB.	1.	10.	10.	1.	100.00	Cft		
						Total	100.00	Cft		
4	11-3-B-iii	P/L FIRST CLASS BRICK MASONARY STRENGTH 1800- 2000 PSI CEMENT SAND 1:4 INCLUDING SCAFFOLDING, RAKING OUT JOINTS AND CURING IN FOUNDATION ABOVE 4.5" NOMINAL THICK BW	4.	8.	0.75	7.	168.00	cft		
						Total	168.00	cft		
6	5-22-C	P/L 1:2:4 CEMENT CONCRETE USING APPROVED COARSE SAND AND CRUSHED AGGRAGATE 3/4" (19MM) AND DOWN GUAGE IN UNDERGROUND TANK SEPTIC TANK AND UNDERGROUND DRAIN INCLUDING FORMWORK AND ITS REMOVAL , COMPACTING AND CURING IN TOP SLAB UPTO 6"	1.	8.	8.	0.5	32.00	Cft		
						Total	32.00	Cft		
7	5-65-A	PROVIDING AND FEBRICATING AND LAYING TOR STEEL GRADE 60 HAVING YEILD STRENGTH EQUAL TO 600000 PSI REINFORCMENT FOR ALL KIND OF RCC WORK IN FOUNDATION , PLINTH AND	1. 1. 1. 1. 1.			Total	200.00 260.00 136.00 596.00 0.60 1,192.60	kg kg kg kg kg		
						Total	1.19	Ton		

8	14-4-D	P/L TERRAZO/MOSAIC FLOOR IN GROUND FLOOE OVER 1" THICK BASE OF 1:2:4 CEMENT CONCRETE USING CRUSHED AGGREGATE 3/4" AND DOWN GRADE LAID IN PANELS OR APPROVED PATTERN INCLUDING FORMWORK CURING CUTTING REMOVING AND POLISHED 3/4" THICK TERRAZO TOPPING 1:2(ONCE CEMENT 2 MARBLE CHIPS	1.	8.	8.		64.00	SFT		
						Total	64.00	SFT		
10	141-50- A+14-53- A	P/L TERRAZO DADO/SKIRTING 7/8" THICK COMPARSING 3/8" THICK TOPPING 1:2 (1 GREY CEMENT AND 2 MARBLE CHIPS) IN GROUND FLOOR OVER 1/2" THICK CEMENT SAND MORTER BASE 1:4 WITH GRINDING RUBBING POLISHING & CURING	4.	8.		7.	224.00	SFT		
						Total	224.00	SFT		
11	25-12-B	P/F STEP IRON STEP OR FOOT REST IN MANHOLE CHAMBERS INCLUDING SETTING TO CORRECT LINES AND LEVEL ANGLE IRON 1.25"X1.25"X3/1".	1.	4.			4.00	EACH		
						Total	4.00	EACH		
12	5-38-C	P/F PVC RIBBED WATER STOPPER IN VERTICAL AND HORIZONTAL EXPANSION JOINTS INCLUDING CUTTING OR JOINTING PVC RIBBED WATER STOP 9" WIDE	4.	8.			32.00	RFT		
						Total	32.00	RFT		
13	28-7-1	P/F HOT DIPPED GALVANISED SINGLE LEAF STEEL DOOR WITH 2"X2"X1/4" FRAME FULLY PANELLLED WITH 16 GUAGE (1.59MM) G-I SHEET WITH BRASS FITTING OF APPROVED MAKE INCLUDING COST OF FABRICATION IRON LUGS CUTTING HOLES AND MAKING GOOD THE DAMAGES TO WALLS.	1.	2.	2.		4.00	SFT		
						Total	4.00	SFT		
		TOTAL AMOUNT								

BILL OF QUANTITIES FOR CONSTRUCTION OF UNDER GROUND WATER TANK 7'X7'X6'										
SNo	SI NO CSR 26, MSR	Descriptions	Unit	No	L	W	D/H	Quantity	Rate	Amount
		PIT EXCAVATION								
1	3-4 D	Borrow pit excavation depth upto 10 ft. (3 m) undressed lead upto 100 ft. (30m)								
		Excavation	Cft	1	8	8	6	384		
		Total	Cft					384		
		LEAN CONCRETE								
2	(S.I No. 5-8e)	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing								
		Lean concrete	Cft	1	8	8	0.25	16.0		
		Total	Cft					16.0		
		PCC 1:2:4								
3	(S.I No. 5-11a)	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing								
		Floor bed	Cft	1	8	8	0.5	32.0		
		Total						32.0		
		RCC 1:2:4								
4	5-23-c	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in underground tank, septic tank and underground drain including formwork and its removal, compacting and curing.								
		Top slab upto 6" (150 mm) thick	Cft	1	9	9	0.5	40.50		
		Long Walls	Cft	2	8	0.5	6	48.00		
		Short Walls	Cft	2	7	0.5	6	42.00		
		Total						89.38		
		PLASTERING WORK								
5	(15-4/iii).	19 mm (3/4") thick cement plaster on walls and columns in basement, plinth and ground floor including making edges, corners and curing.								
		Internal Long Walls	Sft	2	8		6	96		
		Internal Short Walls	Sft	2	7		6	84		
		Net Qty						180		
		PPRC PIPES AND FITTINGS								

6	27-47	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material							
			Rft	1	334			334	
		Total	Rft					334	
		STEEL COVER							
7	28-7	Providing and fixing hot dipped Galvanised single leaf steel door with 2" x 2" x 1/4" frame fully panelled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.							
		Steel Cover	Sft	1		2	1.5	3	
		Total	Sft					3	
		STEEL REINFORCEMENT							
8	(S.I.NO 5-65-a)	Providing, fabricating and laying mild steel reinforcement for all kinds of R.C.C. work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete space blocks or M.S chairs for binding and holding the reinforcement in position is inclusive upto 5m (14.6 ft.)							
		Calculation of steel using Thumbs Rule						200.00	
		3.5Kg/Cft of RCC 1:2:4	Kg			4		800.00	
		GLAVNIZED IRON PIPE							
9	(28_54)	Providing and fixing G.I. pipe railing 2.5 ft high of required diameter, comprising vertical posts and horizontal bracings of G.I. pipe of the same dia including cost of specials, bends, threading cutting and making good the floor or wall and or slab of any kind in cement concrete 1:2:4 (Actual pipe length used for vertical posts and horizontal bracings to be measured, length of specials used not to be deducted)							
			RFT	21				21.00	
		Total	RFT					21.00	

		FITTINGS							
10	(23_50 /a)	Providing and fitting union/socket							
		a) 1/2" (15 mm) inner dia.	Nos	4				4.00	
		Total	Nos					4.00	
SUB-TOTAL									

BOUNDARY WALL (ECONOMICAL NORMAL DESIGN) + FRONT SIMPLE GRILL + MAIN GATE

ENGINEER'S ESTIMATE

BOUNDARY WALL

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Excavation in foundation of boundary wall, front pillars and gate posts including layout, dressing, refilling around structures with excavated earth, watering & ramming, lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m). Hard soil / ordinary soil								
	(S.I No. 3-21-A-iii)								
	Excavation for 3-side brick wall foundation	1	230.00	2.50	3.00	1,725.00	Cft		
	Excavation for front base wall foundation	1	38.00	2.50	3.00	285.00	Cft		
	Excavation for front decorative pillar footings	3	4.00	4.00	4.00	192.00	Cft		
	Excavation for main gate post footings	2	4.00	4.00	4.00	128.00	Cft		
	Gate tie beam trench	2	12.00	2.00	4.00	192.00	Cft		
	Total					2,522.00	Cft		
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.								
	(S.I No. 5-8e) P.C.C 1:4:8 in Foundation								
	Lean concrete below 3-side wall foundation	1	230.00	2.50	0.25	143.75	Cft		
	Lean concrete below front base wall	1	38.00	2.50	0.25	23.75	Cft		
	Lean concrete below front pillar footings	3	4.00	4.00	0.25	12.00	Cft		
	Lean concrete below gate post footings	2	4.00	4.00	0.25	8.00	Cft		
	Lean concrete below gate tie beam	2	12.00	2.00	0.25	12.00	Cft		
	Total					199.50	Cft		
3	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in footing including leveling, compacting and curing.								
	(S.I No. 5-8-C) R.C.C 1:2:4 in Footing								
	RCC strip footing below 3-side wall	1	230.00	2.50	1.00	575.00	Cft		
	RCC strip footing below front base wall	1	38.00	2.50	1.00	95.00	Cft		
	RCC footing for front pillars	3	4.00	4.00	1.00	48.00	Cft		
	RCC footing for main gate posts	2	4.00	4.00	1.00	32.00	Cft		
	RCC gate tie beam / footing beam	2	12.00	2.00	1.00	48.00	Cft		
	Total					798.00	Cft		
4	Providing and laying in situ cement concrete 1:2:4 using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns including compaction, curing, cost of form-work & its removal in foundation and plinth portion.								
	(S.I No. 5-15 c) Below Plinth								

	3-side wall RCC columns below plinth	21	0.75	0.75	4.00	47.25	Cft		
	Front decorative pillars below plinth	3	0.75	0.75	4.00	6.75	Cft		
	Main gate posts below plinth (economical)	2	1.5	1.5	4.00	18.00	Cft		
	Total					72.00	Cft		
5	Providing and laying cement sand 1:4 first class solid burnt brick masonry including scaffolding, raking out joints and curing in foundation and plinth / basement. (S.I No. 11-12/b-iii)								
	Brick Work in Foundation								
	Brick work in foundation / plinth for 3-side walls	1	230.00	0.75	1.00	172.50	Cft		
	Brick work in foundation / plinth for front base wall	1	38.00	0.75	1.00	28.50	Cft		
	Total					201.00	Cft		

6	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate in plinth band / beam, door band and roof band including formwork, compacting and curing but excluding cost of reinforcement. (S.I No. 5-49a)								
	Plinth / Tie Beams								
	3-side wall plinth beam	1	230.00	0.75	1.00	172.50	Cft		
	Front wall plinth beam	1	38.00	0.75	1.00	28.50	Cft		
	Gate plinth / tie beam	1	12.00	2.00	1.50	36.00	Cft		
	Total					237.00	Cft		
7	Providing and laying in situ cement concrete 1:2:4 in RCC columns / posts and top beam for wall and gate supports including compaction, curing, cost of form-work & its removal above plinth. (S.I No. 5-15 c)								
	Supra Structure RCC								
	3-side wall RCC columns above plinth	21	0.75	0.75	6.00	70.88	Cft		
	Front decorative pillars above plinth	3	0.75	0.75	6.00	10.13	Cft		
	Main gate posts above plinth (economical)	2	1.50	1.50	8.50	38.25	Cft		
	RCC top beam over front grill panels	1	38.00	1.00	1.00	38.00	Cft		
	Total					157.25	Cft		
8	Providing and laying 1:4 first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure. (S.I No. 11-12/b-iii)								
	Brick Masonry Above Plinth								
	3-side solid brick wall (9 in thick)	1	230.00	0.75	6.00	1035.00	Cft		
	Deduction of 3-side RCC columns	-21	1.00	0.75	3.50	-55.13	Cft		
	Front brick base below grill	1	38.00	0.75	2.50	71.25	Cft		
	Deduction of front decorative pillars	-3	1.00	0.75	2.50	-5.63	Cft		
	Total					1,045.50	Cft		
9	1/2 inch (13mm) thick cement plaster using coarse sand on both sides of brick wall and exposed RCC surfaces including making edges, corners and curing. 1:4 mix. (Adopted as per uploaded CSR screenshot)								
	12 mm Plaster								
	Both sides of 3-side solid brick wall	2	230.00	3.50	1.00	1,610.00	Sft		
	Both sides of front brick base	2	38.00	2.50	1.00	190.00	Sft		
	Total					1,800.00	Sft		
						167.23	Sqm		

10	Applying weather resistant paint coating such as ICI / Berger or equivalent paint of approved shade on plastered surface including dusting, sand papering and cleaning of debris. Two coats. (Adopted as per uploaded CSR screenshot)							
	External Paint							
	Paint area same as plaster area	1	1800.00	1.00	1.00	1,800.00	Sft	
	Total					1,800.00	Sft	
						167.23	Sqm	
11	Providing, fabricating and laying mild steel Grade-60 plain/deformed bar reinforcement for RCC work including cutting, bending, binding wire, wastage and placing in position. Quantities below are approximate and should be checked with structural drawings. (S.I No. 5-64a)							
	Steel Schedule							
	1/2" dia footing bars	24	5.75		0.667	92.05	Lbs	
	1/2" dia strip footing bars (3-side)	6	230.00		0.667	920.46	Lbs	
	1/2" dia strip footing bars (front)	6	38.00		0.667	152.08	Lbs	
	3/8" dia rings for foundation beams	134	4.50		0.375	226.13	Lbs	
	1/2" dia plinth beam bars (3-side)	4	230.00		0.667	613.64	Lbs	
	1/2" dia plinth beam bars (front)	4	38.00		0.667	101.38	Lbs	
	3/8" dia rings for plinth beams	536	2.82		0.375	566.82	Lbs	
	1/2" dia 3-side wall columns	84	7.50		0.667	420.21	Lbs	
	3/8" dia 3-side column rings	378	3.25		0.375	460.69	Lbs	
	1/2" dia front pillars	12	10.00		0.667	80.04	Lbs	
	3/8" dia front pillar rings	60	3.25		0.375	73.13	Lbs	
	1/2" dia gate posts	8	10.00		0.667	53.36	Lbs	
	3/8" dia gate post rings	40	3.25		0.375	48.75	Lbs	
	1/2" dia top beam bars (front)	2	38.00		0.667	50.69	Lbs	
	3/8" dia top beam rings (front)	190	2.320		0.375	165.30	Lbs	
	Total Steel (Lbs)					4,024.72	Lbs	
	Total Steel (Kg)					1,825.58	Kg	
	Total Steel (Ton)					1.83	Ton	
12	Providing and fixing iron grills with square bars of 3/8" size as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood (S.I. NO. 28-28)							
	Front MS Grill							
	Clear front grill area	1	38.00	3.50		133.00	Sft	
	Total					133	SFT	
						12.36	Sqm	
13	Providing and fixing M.S. sheet shutters with 2" x 2" x 1/4" angle iron frame as diagonal braces, gun metal roller and pulleys, angle iron top guides fixed to T iron bottom track fixed in cement concrete 1:2:4 with rag bolts including locking arrangement and handles as per design and instructions of the Engineer incharge.							
	(S.I.NO. 28-13)							
	Main Simple Grill Gate 12' x 8'							
	Gate clear area	1	12.00	8.00	1.00	96.00	Sft	
						8.92	Sqm	
GRAND TOTAL IN Rs.								

Supply of Solar Hybrid System

ENGINEER'S ESTIMATE

Sr. No.	C.S.R Item No.	Description	Unit	Qty	Rate	Amount Rs.
1	NSI	Supply and Erection of SOLAR PANEL Efficiency should be more than 16%- fill factor should be more than 75%- Monocrystalline/Polycrystalline Structure- nominal voltage ratings of 12, 24, or 48 V - Warranty: 80% Output after 25 years - Environmental Data: -10 to 90 C- IEC Certification 61215, 61730 Part I and II- Junction Box IP 67 Rating-Nominal Operating Cell Temperature 45±2 C-Max System Voltage 1000V DC (IEC) Supply, Install, connect, test and commission of SOLAR PANEL (European) & accessories.	Watt	7,380.00		
2	31-1/d (1)	Galvanized iron mounting structures-supported by galvanized Footing-120 Km ph wind speed withstanding Supply,Install,connect,test and commission of SOLAR MOUNTING STRUCTURE & accessories	Per Watt	7,380.00		
3	31-36/n	Supply, install, connect, test and commission of batteries & accessories.n) battery Osaka TA2500 Tabular plate deep cycle 12 V 230AH 9 plates	Each	4.00		
4	31-1/b-2	Supply, Install, connect, test and provision of an IP65-rated inverter hybrid SOLAR INVERTER (Inverex) & accessories.	Watt	5,250.00		
5	31-22/n	2 Pole Circuit Breaker 63 Ampere	Each	4.00		
6	31-22/k	2 Pole Circuit Breaker 32 Ampere	Each	2.00		
7	31-27-1	Provide,install,testandcommissionrecessedwallmount ingtypedistributionboardfabricatedfrom16SWGsteels heet,powdercoatedwith approved color 2'x2'x1.5'	Job	2.00		
8	31-03-2/e	DC Cable Single Core 35 sq.mm2 flexible copper cable	R.ft.	20.00		
9	31-3/c	DC Cable 6mm2 single core	R.ft.	300.00		
10	31-3/i	DC Cable 10mm2 Two Core	R.ft.	100.00		
11	30-92	Supply and install pair of earth electrode comprising 13 ft (4m) long 2" (50mm) dia G.I. pipe having 3/8" (10mm) dia holes at 20" (500mm)c/c all along the length of pipe burie 15ft (4.5m) underground in upright position including all accessories for complete installation such as nuts bolts, washers 2x3/0 SWG copper conductor earthing lead complete in all respect.	job	1.00		
12	30-25	Description same as in item 30-21 except 2" (50mm) dia PVC conduit.	ft	100.00		
13	31-26	Supplying G.I. PVC Flexible pipe of approved make including the cost of specials.(a)25 mm diameter	R.ft.	100.00		
TOTAL						

**TUFF PAVER
ENGINEER'S ESTIMATE**

S.NO	SCHEDULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
									(Pak Rs)	(Pak Rs)
1	21-2-1	TUFF PAVER Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing, watering and consolidation lead upto 100ft. (30m). Cutting And Laveling for Tuff Tile Pavment								
		OPEN SPACE	2.	98.25	15.	1.	2,947.50	Cft		
			1.	61.	12.	1.	732.00	Cft		
		Parking	1.	60.	54.	1.	3,240.00	Cft		
						Total Qty	6,919.50	Cft		
2	13-16-B	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness.								
		Filling,	2.	98.25	15.	0.75	2,210.63			
			1.	61.	12.	0.75	549.00	Cft		
		Parking	1.	60.	54.	0.75	2,430.00	Cft		
						Total Qty	2,979.00	Cft		
3	21-91-b	Supply and Fixing of Concrete pavers on 3" thick sand cushion of different designs having thickness of 80 mm, mechanically compressed, minimum strength of 7000 psi after laboratory testing at factory and random testing at site as and when desired by the Engineer in charge complete in all respects. (No PCC work is permitted underneath this item of work)								
		Concrete Paver on 3" Thick								
		OPEN SPACE	2.	98.25	15.		2,947.50	Cft		
			1.	61.	12.		732.00	Cft		
		PARKING AREA	1.	60.	54.		3,240.00	Cft		
						Total Qty	6,919.50	Cft		
TOTAL AMOUNT										

CAR PARKING SHED ENGINEER'S ESTIMATE										
S.NO	SCHED ULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
									(Pak Rs)	(Pak Rs)
1	3-21-a-iv	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel)	14	2.00	2.00	2.00	112.00	Cft		
		Poles				Total	112.00	Cft		
2	5-5c	Providing and laying plain hand mixed 1:4:8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.	14	2.00	2.00	0.50	28.00	CFT		
		Poles				Total	28.00	CFT		
3	5-12-a	Providing and laying in situ cement concrete (1;2;4 cement sand & crush) using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties,	14	2.00	2.00	0.75	42.00	CFT		
		Poles				Total	42.00	CFT		
4	5-65-a	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height								
		Footing								
		Poles	168	8.00	0.67	0.45	406.63	Kg		
		Dis bars								
		Poles	168	8.00	0.67	0.45	406.63	Kg		
						Total	813.26	Kg		
						Total	0.81	ton		
5	15-49/a	Providing and fixing of 2 mm thick Flat UV Stabilized Fiber Glass Reinforced Plastic Sheet roofing upto required pitch i/c fixing J or L hooks, bolts & nuts 8 mm dia. as specified	2	35.00	18.00		1,260.00	Sft		
						TOTAL	1,260.00	Sft		
						TOTAL	192.00	Rft		
	TOTAL									

TOTAL	100%
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LOT 3 – NOSHKI

BHU Shareef Khan		
BOQ SCHEDULE		
S.No	DESCRIPTION OF WORKS	ESTIMATED COST
		(Rs)
PRE-FABRICATED STRUCTURE FOR BHU PPHI BALOCHISTAN		
1	Foundation Work	
2	Pre-Fab	
3	Finishing Work	
4	Electrical Work	
5	Plumbing Work	
6	Septic Tank	
7	UGWT	
8	Boundary Wall	
9	Solar System	
10	Tuff Tile	
11	Parking Shed	
	Grand Total Amount (single Unit)	

FOUNDATION WORK PRE-FABS BHU PPHI BALOCHISTAN									
S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
								(Pak Rs)	(Pak Rs)
1.00	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)	20.	2.5	2.5	3.	375.00			
	Hard soil or soft murum								
	(S.I No. 3-21-A-iii)								
	Excavation for Foundation						Cft		
	EXCAVATION F-1						Cft		
							Cft		
					Total	375.00	Cft		
2.00	Spraying approved anti-termite chemical mixed with water in the ratio of 1:40				3.				
	(S.I No. 3-69)								
	Anti- Tremite Spray					Sft			
	EXCAVATION F-1	20.	2.5	125.00		Sft			
		1.	62.	39.		2,418.00	Sft		
					Total	2,543.00	Sft		
3.00	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.	20.	2.5	2.5	0.25	31.25	Cft		
	(S.I No. 5-8e)								
	P.C.C 1:4:8 in Foundation								
	EXCAVATION F-1								
					Total	31.25	Cft		
4.00	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing	20.	2.5	2.5	0.75	93.75	Cft		
	(S.I No. 5-11a)								
	R.C.C 1:2:4 in Footing								
	F-1								
					Total	93.75	Cft		
5.00	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in super structure including compacting, curing, cost of form-work & its removal in basement and ground floor.	20.	1.	1.	4.	80.00	Cft		
	(S.I No. 5-15-c)								
	R.C.C 1:2:4								
	C-1								
					Total	88.00	Cft		

6.00	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi2000psi) including scaffolding, raking out joints and curing in foundation and substructure/Basement i/c cost of testing								
	(S.I No. 11-3-a-ii)								
	Long wall	2.	62.	1.13	4.	558.00			
	Short wall	2.	39.	1.13	4.	351.00			
	horizontal wall	13.	16.	1.13	4.	936.00			
					Total	1,845.00	Cft		
7.00	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in beams, lintels and cantilevers of required shape or section including formwork and its removal compacting and curing in basement and ground floor								
	(S.I No. 5-15c)								
	PLINTH BEAM								
	Long wall	2.	62.	0.75	1.	93.00			
	Short wall	2.	39.	0.75	1.	58.50			
	horizontal wall	13.	16.	0.75	1.	156.00			
					Total	307.50	Cft		
8.00	Providing and laying with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately								
	(S.I No. 8-3/A)								
	DPC								
	Long wall	2.	62.	0.75		93.00	Sft		
	Short wall	2.	39.	0.75		58.50	Sft		
	horizontal wall	13.	16.	0.75		156.00	Sft		
					Total	307.50	Sft		
9.00	3/4 inch (19 mm) thick cement plaster using coarse sand on walls and columns in basement, Plinth and ground floor including making edges corner and curing 1:3								
	Plastering Plinth foundation	1	318		4	1,272.00	Sft		
	(S.I No. 15-4-ii)								
					Total	1,272.00	Cft		

10.00	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness With new earth excavated from outside, lead upto 100 ft. (30m) and lift upto 5 ft. (1.5m) including royalty of Clay	1.	62.	39.	3.	7,254.00	Cft		
	(S.I No. 3-16-b)								
	Filling								
	Coverd Area								
					Total	7,254.00	Cft		
11.00	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height								
	(S.I.NO 5-65-a)								
	Reinforcement								
	Footing	93.75	5.87	-	-	0.55			
	Columns	88.	4.56	-	-	0.50			
	Plinth Beam	176.63	3.63	-	-	0.90			
					Total	1.95	Tonne		
GRAND TOTAL (CIVIL SECHDULE ITEM) IN Rs.									

PREFABRICATED STRUCTRE

GRAND TOTAL (CIVIL NON-SCHEDULE ITEM) IN Rs.

PRE-FABS BHU PPHI BALOCHISTAN									
FINSHING WORKS									
S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Providing and laying hand mixed cement concrete bed under floors (S.I No. 14-1-b) P.C.C 1:4:8 under Floor								
	OPD ROOM	1.	16.	14.	0.25	56.00	Cft		
	VACCINATION ROOM	1.	14.	12.	0.25	42.00	Cft		
	LABOUR ROOM	1.	16.	14.	0.25	56.00	Cft		
	KANGAROO ROOM	1.	16.	14.	0.25	56.00	Cft		
	FAMILY PLANNING	1.	16.	12.	0.25	48.00	Cft		
	PHARMACY	1.	12.	12.	0.25	36.00	Cft		
	BALANCE AREA (DRUG STORE + WASHES + CORRIDOR)	1.	854.33	1.	0.25	213.58	Cft		
					Total	507.58	Cft		
2	Providing and laying Vitrified/ Porcelain tiles in floor with different (S.I No. 14-73-A) TILE WORKS FLOOR								
	OPD ROOM	1.	16.	14.		224.00	Sft		
	VACCINATION ROOM	1.	14.	12.		168.00	Sft		
	LABOUR ROOM	1.	16.	14.		224.00	Sft		
	KANGAROO ROOM	1.	16.	14.		224.00	Sft		
	FAMILY PLANNING	1.	16.	12.		192.00	Sft		
	BALANCE AREA (PHARMACY + STORE + WASHES + CORRIDOR)	1.	1,368.	1.		1,368.00	Sft		
					Total	2,400.00	Sft		
3	Providing and laying dado/skirting with cement sand mortar in ground floor including finishing smooth with a floating coat of neat cement, rounding corners and curing 1/2" (13 mm) thick Cement sand mortar 1 : 2								
	OPD ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	VACCINATION ROOM	2.	14.		0.5	14.00			
		2.	12.			12.00			
	LABOUR ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	KANGAROO ROOM	2.	16.		0.5	16.00			
		2.	14.			14.00			
	FAMILY PLANNING	2.	16.		0.5	16.00			
		2.	12.			12.00			
	PHARMACY	2.	12.	12.	0.5	12.00			
	DRUG STORE	2.	12.		0.5	12.00			
	LABORATORY WASH	2.	16.		0.5	16.00			
		2.	12.		0.5	12.00			
	CORRIDOR + WET AREAS LESS OPENINGS	1.	120.		0.5	60.00			
	(S.I No. 14-49-a)								
					Total	256.00	Sft		
4	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	1.	450.		10.	4,500.00	Sft		
	(S.I No. 17.6.1) Internal Surfaces								
					Total	4,500.00	Sft		

5	Applying weather resistant paint coating such as ICI weather shield, Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 Sq.m. (S.I No. 17.6.1) External Surfaces	1	209		6	1254			
					Total	1,254.00	Sft		
6	Providing and laying 3/4"(19mm) thick Granite black (local) polished (S.I No. 15-51/a) Marble Granite						Sft		
	MAIN ENTRANCE STEPS	3.	16.	1.		48.00			
	MAIN ENTRANCE RISERS	3.	16.	0.5		24.00			
	RAMP / LANDING	1.	20.	2.		40.00			
					Total	112.00	Sft		
7	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles (S.I No. 14-25-a) Tile Flooring in Toilet & WR Wet Areas	3.	1.	74.91	-	224.72	Sft		
					Total	224.72	Sft		
8	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles (S.I No. 14-64-a) Tile Dado in WR								
	LEFT WASH	1.	36.84	-	7.	257.88	Sft		
	RIGHT WASH	1.	36.84	-	7.	257.88	Sft		
	LABORATORY WASH	1.	30.5		7.	213.50	Sft		
					Total	729.26	Sft		
9	Providing and fixing Gypsum Board false ceiling of approved size and texture consisting of imported powder coated aluminum angle and tee framing (size 1" x 1") hunged by approved suspension system, including provision of extra framing for lights fittings, A/C diffusers and around columns, etc, complete in all respectas directed by the Engineer. 1/2" thick laminated gypsum board								
	OPD ROOM	1.	16.	14.		224.00	Sft		
	VACCINATION ROOM	1.	14.	12.		168.00	Sft		
	LABOUR ROOM	1.	16.	14.		224.00	Sft		

ELECTRICAL WORKS

S.No	Schedule Item	Description	Unit	Quantity	Rate	Amount
1	31.3/A	Concealed wiring point to point with 3x1.5 sqmm PVC insulated copper wire complete	Point	20.00		
2	30.5	Two-way light points wiring complete	Point	10.00		
3	30.8/a	Socket outlet wiring 5 Amp	Point	16.00		
4	30.9	Wiring of 5 Amps socket outlet with 4 sqmm cable	R.M	200.00		
5	30.10	Wiring with 2.5 sqmm PVC insulated cable	R.M	150.00		
6	30.21	PVC conduit 3/4 inch	Rft	400.00		
7	30.22	PVC conduit 1 inch	Rft	350.00		
8	30.24	PVC conduit 1.5 inch	Rft	300.00		
9	30.25	PVC conduit 2 inch	Rft	200.00		
10	30.32	2.5 sqmm cable for AC	R.M	100.00		
11	30.35	10 sqmm cable	R.M	120.00		
12	30.39	50 sqmm CPC cable	R.M	100.00		
13	30-91	Earthing complete set	Nos	1.00		
14	30.124.a	light Fixture Philips Type LED 13W, complete in all respect with allied accessories or approved equivalent. The fitting shall be approved by the Engineer	Each	115.00		
15	30.59	upply and install surface mounted flourescent light fixture tube light with a 40W. Lamp TMS-140 Philips type or approved equivalent complete with ballast, power factor improvement capacitor, starter etc. and including all installation materials	Each	15.00		
16	30.61	Industrial reflector light	Nos	10.00		
17	30.113.a	Exhaust fan 10 inch	Each	3.00		
18	30.114	Bracket fan 20 inch	Each	2.00		
19	30.115	Distribution Board	Each	1.00		
20	30-87	Ceiling fan 56 inch	No	8.00		
21	30-108-b	Split AC 1.5 Ton (inverter AC Heat/Cool)	No	2.00		
					GRAND TOTAL	

PLUMBING WORK								
S.NO	DESCRIPTION	NO	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
							(Pak Rs)	(Pak Rs)
	PLUMING WORKS							
1	Providing and fixing European type glazed earthenware water closet complete with all fittings (S.I No. 23-1-a(i))	2			2.00	Each		
2	Providing and fixing wash basin with mixer and fittings (S.I No. 23-5-a(i))	4			4.00	Each		
3	Providing pedestal for wash basin (S.I No. 23-5-d(i))	4			4.00	Each		
5	Providing and fixing C.P bib cock (S.I No. 23-34-a)	6			6.00	Each		
6	Providing and fixing C.P check valve (S.I No. 23-53)	4			4.00	Each		
7	Providing, laying, cutting and jointing PPRC pipes 25 mm complete (S.I No. 20-47-c)	1			500.00	Rft		
8	Providing and fixing floor trap complete (S.I No. 23-9-d)	4			4.00	Each		
9	Providing and fixing stainless steel kitchen sink (S.I No. 23-8-a)	1			1.00	Each		
10	Providing and fixing looking glass (S.I No. 23-15)	4			4.00	Each		
11	Providing and fixing towel rail (S.I No. 23-13-a)	2			2.00	Each		
12	Providing and laying uPVC pipes (3", 4", 6") complete with fitting and accessories	1			350.00	Rft		
13	Providing and fixing gully trap with chamber (S.I No. 23-43)	3			3.00	Each		
14	Water Pumping Machine Donkey Pump 2900 RPM 2 HP				1	Each		
15	Providing and fixing LDPE overhead tank manufactured by Dura or equivalent on top of any floor (S.I No. 27-44-e)	2			2.00	No		
GRAND TOTAL								

SEPTICK TANK										
S.NO	SCHEDULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	3-21-A-IV	EXCAVATION IN UNDRESSED LEAD UPTO 50FT MANUAL FOR COVERED AREA OF LESS THAN 250 FT IN SHINGLE OR GRAVEL	1.	10.	10.	9.	900.00	CFT		
						Total	900.00	CFT		
2	5-4-B	PROVIDING AND LAYING CEMENT CONCRETE 1:4:8 USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 1-1/2" (38MM) & DOWN GAUGE IN FOUNDATION INCLUDING LEVELING ,COMPACTING AND CURING	1.	10.	10.	0.25	25.00	Cft		
						Total	25.00	Cft		
3	5-22-A	PROVIDING AND LAYING 1:2:4 CEMENT CONCRETE USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 3/4"(19MM)& DOWN GAUGE IN UNDER GROUND TANK SEPTIC TANK AND UNDERGROUND DRAIN INCLUDING FORMWORK AND ITS REMOVAL , COMPACTING AND CURING FOUNDATION AND FLOOR SLAB.	1.	10.	10.	1.	100.00	Cft		
						Total	100.00	Cft		
4	11-3-B-iii	P/L FIRST CLASS BRICK MASONRY STRENGTH 1800- 2000 PSI CEMENT SAND 1:4 INCLUDING SCAFFOLDING, RAKING OUT JOINTS AND CURING IN FOUNDATION ABOVE 4.5" NOMINAL THICK BW	4.	8.	0.75	7.	168.00	cft		
						Total	168.00	cft		
6	5-22-C	P/L 1:2:4 CEMENT CONCRETE USING APPROVED COARSE SAND AND CRUSHED AGGREGATE 3/4" (19MM) AND DOWN GAUGE IN UNDERGROUND TANK SEPTIC TANK AND UNDERGROUND DRAIN INCLUDING FORMWORK AND ITS REMOVAL , COMPACTING AND CURING IN TOP SLAB UPTO 6"	1.	8.	8.	0.5	32.00	Cft		
						Total	32.00	Cft		
7	5-65-A	PROVIDING AND FABRICATING AND LAYING TOR STEEL GRADE 60 HAVING YIELD STRENGTH EQUAL TO 600000 PSI REINFORCEMENT FOR ALL KIND OF RCC WORK IN FOUNDATION , PLINTH AND	1. 1. 1. 1. 1.			Total	200.00 260.00 136.00 596.00 0.60 1,192.60	kg kg kg kg kg		
						Total	1.19	Ton		

8	14-4-D	P/L TERRAZO/MOSAIC FLOOR IN GROUND FLOOE OVER 1" THICK BASE OF 1:2:4 CEMENT CONCRETE USING CRUSHED AGGREGATE 3/4" AND DOWN GRADE LAID IN PANELS OR APPROVED PATTERN INCLUDING FORMWORK CURING CUTTING REMOVING AND POLISHED 3/4" THICK TERRAZO TOPPING 1:2(ONCE CEMENT 2 MARBLE CHIPS	1.	8.	8.		64.00	SFT		
						Total	64.00	SFT		
10	141-50- A+14-53- A	P/L TERRAZO DADO/SKIRTING 7/8" THICK COMPARSING 3/8" THICK TOPPING 1:2 (1 GREY CEMENT AND 2 MARBLE CHIPS) IN GROUND FLOOR OVER 1/2" THICK CEMENT SAND MORTER BASE 1:4 WITH GRINDING RUBBING POLISHING & CURING	4.	8.		7.	224.00	SFT		
						Total	224.00	SFT		
11	25-12-B	P/F STEP IRON STEP OR FOOT REST IN MANHOLE CHAMBERS INCLUDING SETTING TO CORRECT LINES AND LEVEL ANGLE IRON 1.25"X1.25"X3/1".	1.	4.			4.00	EACH		
						Total	4.00	EACH		
12	5-38-C	P/F PVC RIBBED WATER STOPPER IN VERTICAL AND HORIZONTAL EXPANSION JOINTS INCLUDING CUTTING OR JOINTING PVC RIBBED WATER STOP 9" WIDE	4.	8.			32.00	RFT		
						Total	32.00	RFT		
13	28-7-1	P/F HOT DIPPED GALVANISED SINGLE LEAF STEEL DOOR WITH 2"X2"X1/4" FRAME FULLY PANELLLED WITH 16 GUAGE (1.59MM) G-I SHEET WITH BRASS FITTING OF APPROVED MAKE INCLUDING COST OF FABRICATION IRON LUGS CUTTING HOLES AND MAKING GOOD THE DAMAGES TO WALLS.	1.	2.	2.		4.00	SFT		
						Total	4.00	SFT		
		TOTAL AMOUNT								

BILL OF QUANTITIES FOR CONSTRUCTION OF UNDER GROUND WATER TANK 7'X7'X6'										
SNo	SI NO CSR 26, MSR	Descriptions	Unit	No	L	W	D/H	Quantity	Rate	Amount
		PIT EXCAVATION								
1	3-4 D	Borrow pit excavation depth upto 10 ft. (3 m) undressed lead upto 100 ft. (30m)								
		Excavation	Cft	1	8	8	6	384		
		Total	Cft					384		
		LEAN CONCRETE								
2	(S.I No. 5-8e)	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing								
		Lean concrete	Cft	1	8	8	0.25	16.0		
		Total	Cft					16.0		
		PCC 1:2:4								
3	(S.I No. 5-11a)	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing								
		Floor bed	Cft	1	8	8	0.5	32.0		
		Total						32.0		
		RCC 1:2:4								
4	5-23-c	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in underground tank, septic tank and underground drain including formwork and its removal, compacting and curing.								
		Top slab upto 6" (150 mm) thick	Cft	1	9	9	0.5	40.50		
		Long Walls	Cft	2	8	0.5	6	48.00		
		Short Walls	Cft	2	7	0.5	6	42.00		
		Total						89.38		
		PLASTERING WORK								
5	(15-4/iii).	19 mm (3/4") thick cement plaster on walls and columns in basement, plinth and ground floor including making edges, corners and curing.								
		Internal Long Walls	Sft	2	8		6	96		
		Internal Short Walls	Sft	2	7		6	84		
		Net Qty						180		
		PPRC PIPES AND FITTINGS								

6	27-47	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material							
			Rft	1	334			334	
		Total	Rft					334	
		STEEL COVER							
7	28-7	Providing and fixing hot dipped Galvanised single leaf steel door with 2" x 2" x 1/4" frame fully panelled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.							
		Steel Cover	Sft	1		2	1.5	3	
		Total	Sft					3	
		STEEL REINFORCEMENT							
8	(S.I.NO 5-65-a)	Providing, fabricating and laying mild steel reinforcement for all kinds of R.C.C. work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete space blocks or M.S chairs for binding and holding the reinforcement in position is inclusive upto 5m (14.6 ft.)							
		Calculation of steel using Thumbs Rule						200.00	
		3.5Kg/Cft of RCC 1:2:4	Kg			4		800.00	
		GLAVNIZED IRON PIPE							
9	(28_54)	Providing and fixing G.I. pipe railing 2.5 ft high of required diameter, comprising vertical posts and horizontal bracings of G.I. pipe of the same dia including cost of specials, bends, threading cutting and making good the floor or wall and or slab of any kind in cement concrete 1:2:4 (Actual pipe length used for vertical posts and horizontal bracings to be measured, length of specials used not to be deducted)							
			RFT	21				21.00	
		Total	RFT					21.00	

		FITTINGS							
10	(23_50 /a)	Providing and fitting union/socket							
		a) 1/2" (15 mm) inner dia.	Nos	4				4.00	
		Total	Nos					4.00	
SUB-TOTAL									

BOUNDARY WALL (ECONOMICAL NORMAL DESIGN) + FRONT SIMPLE GRILL + MAIN GATE

ENGINEER'S ESTIMATE

BOUNDARY WALL

S.NO	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	Excavation in foundation of boundary wall, front pillars and gate posts including layout, dressing, refilling around structures with excavated earth, watering & ramming, lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m). Hard soil / ordinary soil								
	(S.I No. 3-21-A-iii)								
	Excavation for 3-side brick wall foundation	1	230.00	2.50	3.00	1,725.00	Cft		
	Excavation for front base wall foundation	1	38.00	2.50	3.00	285.00	Cft		
	Excavation for front decorative pillar footings	3	4.00	4.00	4.00	192.00	Cft		
	Excavation for main gate post footings	2	4.00	4.00	4.00	128.00	Cft		
	Gate tie beam trench	2	12.00	2.00	4.00	192.00	Cft		
	Total					2,522.00	Cft		
2	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.								
	(S.I No. 5-8e) P.C.C 1:4:8 in Foundation								
	Lean concrete below 3-side wall foundation	1	230.00	2.50	0.25	143.75	Cft		
	Lean concrete below front base wall	1	38.00	2.50	0.25	23.75	Cft		
	Lean concrete below front pillar footings	3	4.00	4.00	0.25	12.00	Cft		
	Lean concrete below gate post footings	2	4.00	4.00	0.25	8.00	Cft		
	Lean concrete below gate tie beam	2	12.00	2.00	0.25	12.00	Cft		
	Total					199.50	Cft		
3	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in footing including leveling, compacting and curing.								
	(S.I No. 5-8-C) R.C.C 1:2:4 in Footing								
	RCC strip footing below 3-side wall	1	230.00	2.50	1.00	575.00	Cft		
	RCC strip footing below front base wall	1	38.00	2.50	1.00	95.00	Cft		
	RCC footing for front pillars	3	4.00	4.00	1.00	48.00	Cft		
	RCC footing for main gate posts	2	4.00	4.00	1.00	32.00	Cft		
	RCC gate tie beam / footing beam	2	12.00	2.00	1.00	48.00	Cft		
	Total					798.00	Cft		
4	Providing and laying in situ cement concrete 1:2:4 using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns including compaction, curing, cost of form-work & its removal in foundation and plinth portion.								
	(S.I No. 5-15 c) Below Plinth								

	3-side wall RCC columns below plinth	21	0.75	0.75	4.00	47.25	Cft		
	Front decorative pillars below plinth	3	0.75	0.75	4.00	6.75	Cft		
	Main gate posts below plinth (economical)	2	1.5	1.5	4.00	18.00	Cft		
	Total					72.00	Cft		
5	Providing and laying cement sand 1:4 first class solid burnt brick masonry including scaffolding, raking out joints and curing in foundation and plinth / basement. (S.I No. 11-12/b-iii)								
	Brick Work in Foundation								
	Brick work in foundation / plinth for 3-side walls	1	230.00	0.75	1.00	172.50	Cft		
	Brick work in foundation / plinth for front base wall	1	38.00	0.75	1.00	28.50	Cft		
	Total					201.00	Cft		

6	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate in plinth band / beam, door band and roof band including formwork, compacting and curing but excluding cost of reinforcement. (S.I No. 5-49a)								
	Plinth / Tie Beams								
	3-side wall plinth beam	1	230.00	0.75	1.00	172.50	Cft		
	Front wall plinth beam	1	38.00	0.75	1.00	28.50	Cft		
	Gate plinth / tie beam	1	12.00	2.00	1.50	36.00	Cft		
	Total					237.00	Cft		
7	Providing and laying in situ cement concrete 1:2:4 in RCC columns / posts and top beam for wall and gate supports including compaction, curing, cost of form-work & its removal above plinth. (S.I No. 5-15 c)								
	Supra Structure RCC								
	3-side wall RCC columns above plinth	21	0.75	0.75	6.00	70.88	Cft		
	Front decorative pillars above plinth	3	0.75	0.75	6.00	10.13	Cft		
	Main gate posts above plinth (economical)	2	1.50	1.50	8.50	38.25	Cft		
	RCC top beam over front grill panels	1	38.00	1.00	1.00	38.00	Cft		
	Total					157.25	Cft		
8	Providing and laying 1:4 first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure. (S.I No. 11-12/b-iii)								
	Brick Masonry Above Plinth								
	3-side solid brick wall (9 in thick)	1	230.00	0.75	6.00	1035.00	Cft		
	Deduction of 3-side RCC columns	-21	1.00	0.75	3.50	-55.13	Cft		
	Front brick base below grill	1	38.00	0.75	2.50	71.25	Cft		
	Deduction of front decorative pillars	-3	1.00	0.75	2.50	-5.63	Cft		
	Total					1,045.50	Cft		
9	1/2 inch (13mm) thick cement plaster using coarse sand on both sides of brick wall and exposed RCC surfaces including making edges, corners and curing. 1:4 mix. (Adopted as per uploaded CSR screenshot)								
	12 mm Plaster								
	Both sides of 3-side solid brick wall	2	230.00	3.50	1.00	1,610.00	Sft		
	Both sides of front brick base	2	38.00	2.50	1.00	190.00	Sft		
	Total					1,800.00	Sft		
						167.23	Sqm		

[illegible]

Supply of Solar Hybrid System

ENGINEER'S ESTIMATE

Sr. No.	C.S.R Item No.	Description	Unit	Qty	Rate	Amount Rs.
1	NSI	Supply and Erection of SOLAR PANEL Efficiency should be more than 16%- fill factor should be more than 75%- Monocrystalline/Polycrystalline Structure- nominal voltage ratings of 12, 24, or 48 V - Warranty: 80% Output after 25 years - Environmental Data: -10 to 90 C- IEC Certification 61215, 61730 Part I and II- Junction Box IP 67 Rating-Nominal Operating Cell Temperature 45±2 C-Max System Voltage 1000V DC (IEC) Supply, Install, connect, test and commission of SOLAR PANEL (European) & accessories.	Watt	7,380.00		
2	31-1/d (1)	Galvanized iron mounting structures-supported by galvanized Footing-120 Km ph wind speed withstanding Supply,Install,connect,test and commission of SOLAR MOUNTING STRUCTURE & accessories	Per Watt	7,380.00		
3	31-36/n	Supply, install, connect, test and commission of batteries & accessories.n) battery Osaka TA2500 Tabular plate deep cycle 12 V 230AH 9 plates	Each	4.00		
4	31-1/b-2	Supply, Install, connect, test and provision of an IP65-rated inverter hybrid SOLAR INVERTER (Inverex) & accessories.	Watt	5,250.00		
5	31-22/n	2 Pole Circuit Breaker 63 Ampere	Each	4.00		
6	31-22/k	2 Pole Circuit Breaker 32 Ampere	Each	2.00		
7	31-27-1	Provide,install,testandcommissionrecessedwallmount ingtypedistributionboardfabricatedfrom16SWGsteels heet,powdercoatedwith approved color 2'x2'x1.5'	Job	2.00		
8	31-03-2/e	DC Cable Single Core 35 sq.mm2 flexible copper cable	R.ft.	20.00		
9	31-3/c	DC Cable 6mm2 single core	R.ft.	300.00		
10	31-3/i	DC Cable 10mm2 Two Core	R.ft.	100.00		
11	30-92	Supply and install pair of earth electrode comprising 13 ft (4m) long 2" (50mm) dia G.I. pipe having 3/8" (10mm) dia holes at 20" (500mm)c/c all along the length of pipe burie 15ft (4.5m) underground in upright position including all accessories for complete installation such as nuts bolts, washers 2x3/0 SWG copper conductor earthing lead complete in all respect.	job	1.00		
12	30-25	Description same as in item 30-21 except 2" (50mm) dia PVC conduit.	ft	100.00		
13	31-26	Supplying G.I. PVC Flexible pipe of approved make including the cost of specials.(a)25 mm diameter	R.ft.	100.00		
TOTAL						

**TUFF PAVER
ENGINEER'S ESTIMATE**

S.NO	SCHEDULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE	AMOUNT
									(Pak Rs)	(Pak Rs)
1	21-2-1	TUFF PAVER Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing, watering and consolidation lead upto 100ft. (30m). Cutting And Laveling for Tuff Tile Pavment								
		OPEN SPACE	2.	98.25	15.	1.	2,947.50	Cft		
			1.	61.	12.	1.	732.00	Cft		
		Parking	1.	60.	54.	1.	3,240.00	Cft		
						Total Qty	6,919.50	Cft		
2	23-16-B	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness.								
		Filling,	2.	98.25	15.	0.75	2,210.63			
			1.	61.	12.	0.75	549.00	Cft		
		Parking	1.	60.	54.	0.75	2,430.00	Cft		
						Total Qty	2,979.00	Cft		
3	21-91-b	Supply and Fixing of Concrete pavers on 3" thick sand cushion of different designs having thickness of 80 mm, mechanically compressed, minimum strength of 7000 psi after laboratory testing at factory and random testing at site as and when desired by the Engineer in charge complete in all respects. (No PCC work is permitted underneath this item of work)								
		Concrete Paver on 3" Thick								
		OPEN SPACE	2.	98.25	15.		2,947.50	Cft		
			1.	61.	12.		732.00	Cft		
		PARKING AREA	1.	60.	54.		3,240.00	Cft		
						Total Qty	6,919.50	Cft		
TOTAL AMOUNT										

CAR PARKING SHED ENGINEER'S ESTIMATE										
S.NO	SCHED ULE ITEM	DESCRIPTION	NO	L	W	D/H	QUANTITY	UNIT	RATE (Pak Rs)	AMOUNT (Pak Rs)
1	3-21-a-iv	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel) Poles	14	2.00	2.00	2.00	112.00	Cft		
						Total	112.00	Cft		
2	5 5c	Providing and laying plain hand mixed 1:4:8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing. Poles	14	2.00	2.00	0.50	28.00	CFT		
						Total	28.00	CFT		
3	5-12-a	Providing and laying in situ cement concrete (1;2;4 cement sand & crush) using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, Poles	14	2.00	2.00	0.75	42.00	CFT		
						Total	42.00	CFT		
4	5-65-a	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height Footing Poles Dis bars Poles								
			168	8.00	0.67	0.45	406.63	Kg		
			168	8.00	0.67	0.45	406.63	Kg		
						Total	813.26	Kg		
						Total	0.81	ton		
5	15-49/a	Providing and fixing of 2 mm thick Flat UV Stabilized Fiber Glass Reinforced Plastic Sheet roofing upto required pitch i/c fixing J or L hooks, bolts & nuts 8 mm dia. as specified	2	35.00	18.00		1,260.00	Sft		
						TOTAL	1,260.00	Sft		
						TOTAL	192.00	Rft		
	TOTAL									

DECLARATION BY THE BIDDER

I solemnly undertake that:

- a. Having read, understood & made myself aware of all the Terms & conditions mentioned in this Bidding Document & the Rules, Regulations & Policies of the Government of Balochistan, governing the procurement & financial matters, **AGREE, ACCEPT & UNDETAKE TO ABIDE BY THE SAME.**
- b. The information provided in this form is correct to the best of my knowledge & in the event of change; details will be provided as soon as possible

Name & Designation _____

Signature _____ Date _____

Company Stamp. _____