



The Head Office,
People's Primary Healthcare Initiative,
Balochistan.

Admin Section

Reference No. PPHI-B/H.O

BLN/2024/02/CW/001

Dated: _____

Technical Proposal

People's Primary Healthcare Initiative (PPHI) - Balochistan

**Bidding Document for Civil Works in Basic Health Unit Lajwar of
District Killa Abdullah, Niganda & Batezai of District Pishin,
Balochistan**

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

LETTER OF INVITATION FOR BIDS:

Sealed proposals are invited under the Peoples Primary Healthcare Initiative (PPHI-Balochistan) procurement rules, by the PPHI-B from Eligible Individuals/Firms/Constructors having expertise in Civil Works and Registered under Pakistan Engineering Council (PEC) under relevant codes:

REQUIRED BIDDING INFORMATION	TO BE FILLED BY THE PEOPLES PRIMARY HEALTHCARE INITIATIVE (PPHI-B)
DESIGNATION OF PROCUREMENT OFFICER	MANAGER ADMIN
POSTAL ADDRESS OF THE PEOPLES PRIMARY HEALTH CARE INITIATIVE (PPHI-B)	PEOPLES PRIMARY HEALTHCARE INITIATIVE (PPHI-B) SAMUNGLI ROAD, QUETTA-PAKISTAN
PHONE NUMBER & FAX NUMBER	081-2863620 & 081-2863623
E-MAIL PPHIBLN@GMAIL.COM ADDRESS & WEBSITE	https://www.pphib.org
METHOD OF PROCUREMENT	SINGLE STAGE - TWO ENVELOPE BIDDING PROCEDURE
ISSUANCE OF BIDDING DOCUMENTS	The tender documents can be downloaded from the PPHI-B website: http://pphib.org/
DEADLINE FOR SUBMISSION OF BIDS	Date: 11 March 2024 & Time Before CoB Hours directly submitted to the Head Office, PPHI-Balochistan.
OPENING OF TECHNICAL BIDS	Date: 12 March 2024 & Time 01:00 PM at the Head Office of PPHI-Balochistan.
OPENING OF FINANCIAL BIDS	Date: 13 March 2024 & Time 02:00 PM at the Head Office of PPHI-Balochistan.
BIDDING DOCUMENT FEE	AMOUNT: PKR. 2,000/- PAY ORDER IN THE NAME OF PPHI Balochistan WITH TECHNICAL BID IN SEPARATE ENVELOPE
BID SECURITY/EARNEST MONEY	AMOUNT: 2 % OF THE QUOTED AMOUNT MANNER OF PAYMENT: <u>CALL DEPOSIT/ PAY ORDER</u> IN FAVOR OF PPHI-B BALOCHISTAN, WITH FINANCIAL BID

ELIGIBILITY CRITERIA FOR BIDDERS:

S. No.	Bidders Eligibility Factor	Mandatory Requirement	Document Required
1	Registration with Income Tax, GST and BRA	NTN/STRN/GST Certificate AND must be on Active Tax Payer list and has active registration with BRA & Registration in relevant tariff.	Copy of <u>NTN/STRN</u> AND duly verifiable <u>Active Tax Payer Certificate</u> from FBR website & BRA.
2	Registration with Pakistan Engineering Council	Valid PEC Certificate in relevant code	Copy of Valid PEC with relevant Civil Codes should be attached.
3	Relevant Experience	Five (05) successfully completed comparable & similar assignments of Civil works (Each worth 5 million and above)	Copies of <u>Work Order/s</u> with relevant completion certificate/s .
4	Financial Capacity (For Firms)	Turn Over of PKR. 15 Million for the past 3 years each (2021, 2022 and 2023) (For Firms)	Audited <u>Final Accounts</u> OR Annual Tax Return Only (2021, 2022 and 2023).
5	Non-Blacklisting	Must not be presently black-listed by any Government Organization	Declaration of Non-blacklisting on <u>Non-Judicial Stamp</u> paper by the Bidder/Individual.
6	Local presence (For Firms)	The Bidder must have functional corporate/support office at Provincial level	Copy of <u>Tenancy agreement</u> or <u>ownership documents</u> of the office premises AND Copy of recently paid <u>utility Bill</u> (maximum 3 months old).
7	Technical HR	Technical HR (Engineers) with previous experience of similar assignments as required by the Peoples Primary Health Care Initiative (PPHI-B) in the Data-sheet	<u>Detailed CVs of the HR/Individual along with PEC registration.</u>
8	Delivery time compliance	Must agree to serve the Contract within agreed time i.e., till 31st March 2024.	Completion time must be <u>clearly specified</u> in the Technical Bid.
9	Agreement with all the terms & conditions	Must unconditionally agree with all the instructions, terms & conditions specified in the bidding documents & contract agreement	<u>Signature & company seal on every page</u> of the bidding document.
10	Submission of Bidding Document Fee	As required by the Peoples Primary Healthcare Initiative (PPHI-B) in the Tender Notice	AMOUNT: PKR. 2,000/- Tender Fee in separate envelope with technical proposal.

NOTE: It is mandatory for the bidders to meet all the above-mentioned requirements of eligibility. In-case of not meeting any single requirement, the Bid shall be declared NON-RESPONSIVE

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. / BRA Registration No. _____

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

12. Total Completion Time _____ (Mention date of completion).

DATA-SHEET OF THE ASSIGNMENT / SCOPE OF WORK

The objective of the below given Data-Sheet / Schedule of Requirements is to provide sufficient information to bidders to understand complete scope of this procurement such that no requirement of the Peoples Primary Healthcare Initiative (PPHI-B) is left un-mentioned here under.

S#	District	Name of BHUs	Nature of Work
1	Pishin	Niganda & Batezai	Civil works in Basic Health Unit
2	Killa Abdullah	Lajwar	Civil works in Basic Health Unit

Note:

1. All interested Contractors/bidders are advised to visit the site before quoting rates in BOQs of Tender Documents.
2. PPHI-B reserves the right to award whole quantity of work as per BOQs or partially as this shall be subject to availability of funds & donor approval.

Delivery Schedule & Requirements:

Place of Execution of Works is: Basic Health Unit of Districts Pishin and Killa Abdullah as per the above list of BHUs.

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: -

1. Sealed Envelope containing the Technical Proposal should clearly state:
 - a. **"Name of Bidder"**
 - b. **"Name of Tender"**
 - c. **"TECHNICAL PROPOSAL"**
2. 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.
3. 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.
4. Following information should be attached/contained in the Technical Proposal: -
 - a. Receipt of payment of **bidding Document Fee** May be in terms of **Pay Order in favor of PPHI BALOCHISTAN**
 - b. **Completion time**, which means; actual execution time for the titled Work.
 - c. Documentary **evidence of fulfillment of eligibility criteria** for Bidders as required by the Peoples Primary Healthcare Initiative, Balochistan. (PPHI-B).
 - d. 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-B)
 - e. **Description of status** as Partnership / authorization from the Firm / authorized importer / distributor / manufacturer / retailer etc. (as the case may be) as required by the Peoples Primary Healthcare Initiative, Balochistan (PPHI-B) in the schedule of requirements.
 - f. **Defect Liability Period:** details. (As applicable) as required by the Peoples Primary Healthcare Initiative, Balochistan (PPHI-B) 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-B) at instruction 4 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:

Bidders Eligibility Factor	Requirement	Bidder 1	Bidder 2	Bidder 3
		YES / NO	YES / NO	YES / NO
Registration with Income Tax (For Firms),BRA (if applicable)	I. Copy of NTN attached? II. BRA Certificate Copy? III. Active Tax Payer? IV. Registered with FBR & BRA in relevant tariff code?			
Registration with PEC	Copy of Valid PEC Certificate at time of Technical Bid, with Relevant code			
Relevant Experience	Five (05) No. of Work Orders with relevant completion certificate of successfully completed similar assignments attached (each worth 5 million or above)?			
Financial Capacity (For Firms)	Annual Audit Financial Statement OR Annual Tax Returns to Clarify the Minimum turnover of PKR. 15 million for the past 3 years each (2021, 2022 and 2023) attached?			
Agreement with all the terms & conditions	Signature & company seal at every page of bidding document affixed?			
Delivery time	Is the quoted completion time within the stipulated time period?			
Technical HR	Detailed CVs of the HR/Individual along with PEC registration?			
Non Blacklisting	Declaration of non-blacklisting by any govt, semi-govt or private organization, on judicial stamp paper attached?			
Local Presence	Copy of tenancy agreement or ownership documents and last three months paid utility bills attached?			

Bidding Documents Fee	Pay order of Rs. 2,000/- in favor of PPHI-B as bidding document fees attached?			
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- 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 Financial Proposals from Ineligible Bidders.** Proposals from Ineligible Bidders shall be declared “Non-Responsive”, 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.
3. **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 “Non-Responsive” 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 & Responsive Bid/s and.
 2. Rejection of the Ineligible &/OR Non-Responsive Bid/s.
 - iv. Technical Evaluation concludes at this stage.
4. **Financial Evaluation.** Financial Proposals of the Responsive Technical Proposals shall be publicly opened 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:

<u>FINANCIAL EVALUATION OF BIDS</u>							
Item/s Name / Model & description	Quantity	Responsive Bidder 1		Responsive Bidder 2		Responsive Bidder 3	
		Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
Service 1							
Service 2							
Service 3							

- 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**

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



The Head Office,
People's Primary Healthcare Initiative,
Balochistan.

Admin Section

Reference No. PPHI-B/H.O

BLN/2024/02/CW/001

Dated: _____

Financial Proposal

People's Primary Healthcare Initiative Balochistan

**Bidding Document for Civil Works in Basic Health Unit Lajwar of
District Killa Abdullah, Niganda & Batezai of District Pishin,
Balochistan**

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: _____
6. 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. BTSN No. _____
12. Bid Validity: _____ (Please specify in No. of Days)
13. 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-B))
 - 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 following format:

A	B	C	D	E		F
S. No.	Item Name	Quantity	Unit Price	BRA Amount	BRA %age	Total Price (Including Taxes)
A	B	C	D			(C x D) + E = F
1						
2						
3						
4						
Total						

Note: Each Bidder must mention clearly the rate of BRA & GST applicable 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. Every page of the Bid must be numbered, signed & stamped by the bidder.

TERMS AND CONDITIONS:

1. Completion time may be clearly specified. Where completion time shall mean; time consumed execution of required services to the designated location of Peoples Primary Health Initiative (PPHI-B), including but not limited to time required for development of Performa/forms and training (if needed) **(Complete delivery as per the schedule of requirements services detailed in the Data-Sheet)**
2. Maximum completion time for the assignment is **till 31st March, 2024** from the date of work Order
3. Tenders must be quoted in Pakistani Rupees (PKR).
4. 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. (Please note that BRA will be applicable @15%).**
 - 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.
 - iv. All tax variations by the Tax Authorities will be borne by the vendor only, there will be no change in contract.
5. Validity of the bid would be 3 weeks (to be specified by the Peoples Primary Health Initiative (PPHI-B)/ office) from the date of Tender opening
6. Financial Bids must be accompanied with Bid Security (for firms) in the form of Bank Guarantee or Deposit at Call from a scheduled bank @ 2% of quoted bid value favoring the PPHI Balochistan.
7. In case of late execution of required works, the bidder may be blacklisted and late delivery penalty (Liquidated Damages) shall be imposed at the rate of 1% per day (of the value of items delivered late) per day, up to a maximum of 30% of the Contract Value.
8. The services, as per the work Order, must be executed by the authorized HR (technical) at the time of execution of work at Peoples Primary Health Initiative (PPHI-B)/ designated Office.
9. Bid Security of successful bidder/s shall be released upon submission of Performance Security, Otherwise Bid Security/CDR may be retained until 30% completion of work
10. Bid Security of unsuccessful bidder/s shall be released within thirty days from the date of award of contract to the successful bidder/s.
11. Tender will be awarded to the lowest quoted bidder in financial evaluation.
12. Payment release is subject to satisfactory sign off by the joint team report comprising of:
 - i. Concerned DSM and Engineer PPHI-B.
 - ii. One member duly authorized by vendors.
13. Payment:
 - i. 40% payment will be released subject to completion report of 50% work.
 - ii. 90% payment will be released subject to completion report of 100% work.

- iii. Remaining 10% shall be withheld as performance security for the period of 90 days after completion of 100% work with satisfactory report by the above mentioned committee and donor approval.

CURRENCY & BID VALIDITY

- Pak Rupees & 3 weeks

PEOPLE'S PRIMARY HEALTHCARE INITIATIVE(PPHI)-BALOCHISTAN		
<u>Summary of Cost of Engineer's Estimate for Civil Works of PPHI's BHU Niganda(District Pishin), Batezaee(District Pishin) & BHU Lajwar (Killa Abdullah)</u>		
S.No	Description	Amount (Rs.) (Inclusive of all applicable taxes)
1	Grand Total Amount of BHU Niganda in District Pishin	
2	Grand Total Amount of BHU Batezaee in District Pishin	
3	Grand Total Amount of BHU Lajwar in District Killa Abdullah	
	Grand Total	-

<u>1. Bill of Quantities for Repair & Renovation of BHU Niganda in District Pishin</u>					
S.No	ITEM DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
A	[A] Quarters Repair & Renovation Works				
1	Weather Resistant Coat				
	Applying 2 coats of weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris	1544	Sft		
2	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	1940	Sft		
3	Enamel Paint				
	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer instructions on steel and iron work over and including the cost of	42	Sft		

	priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ least 1.25Litre per 10 Sq.m)				
4	Dismantling of existing boundary wall from one side				
	Dismantling of existing 9" plastered wall complete in all respect as per directions of Engineer	54	Cft		
5	Ceiling Fans				
	Supply and Installation of Fan 56" AC/DC (Deluxe) of Superior quality aluminum alloy construction, Energy efficient Electrical Steel Sheet and 99.9% Pure Copper Wire, "E" grade varnish insulation to protect from electric shock and voltage fluctuation, Aerodynamically designed blades for maximum air delivery, High quality paint for superior finishing, Packed in strong corrugated cartons with protective thermophore. with GFC./PAK/Royal complete in all respect. including cost of Dimmer and making all necessary arrangements etc. complete in all respects as per direction/satisfaction of Engineer.	2	Nos.		
6	Energy Saver Electrical Bulbs				
	Supply and install Energy Saver Electrical Bulbs of 25 W Philips Energy Saver with plastic holders complete in all respect as per directions of the Engineer	6	No.		
7	Distribution board				
	Provide, install, test and commission recessed wall mounting type distribution board fabricated from 16 SWG steel sheet, powder coated with approved color 2'x2'x1.5'	1	Each		
8	Upper Cabinets for Kitchen				
	Providing & fixing box type cabinets with 20 mm thick laminated lasani sheet or equivalent on all sides with shutter i/c solid approved wood frame 2"x2", approved wood laminated/glass shelves i/c lipping, full length hinges, approved handles, suitable locks, catchers, polishing, painting etc. complete as per specifications and as directed by Engineer(The front area shall be measured for payment).	16	Sft		
A	Sub Total of Quarters Repair Works [A]				-
B	[B] Detailed Estimate of Labor Room				
9	Excavation & Backfilling				
	Excavation in foundation of buildings, bridges , and other structures, depth up to 4 Feet including dig belling, dressing , refilling around structures	514	Cft		

	with excavated earth, watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer				
33	1:3:6 Lean Concrete				
	Providing and laying C.C 1:3:6 Cast -in Situ using graded screened bajri 3/8" and down gauge as fine aggregate and crushed stone 3/4" and down gauge as coarse aggregate including / excluding form work and its removal, curing etc. having minimum works cube crushing strength of 1500 p.s.i. after 28 days curing complete as per drawing complete as per drawing and as directed by Engineer/in charge.	56	Cft		
34	Brick Masonry				
	Providing and laying first class solid burnt Brick masonry in 1:4 cement sand mortar including 9" Column at every 8' interval, levelling, scaffolding, raking out joints and curing in super structure. Complete as per Drawings, Specifications and as Engineer/incharge				
34.1	18" Foundation Wall	173	Cft		
34.2	13.5" Foundation Wall	151	Cft		
34.3	9 " Wall	822	Cft		
35	Damp Proof Course				
	Providing and laying 2" (50mm) thick damp proof course 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.	63	Sft		
36	Backfilling				
	Refilling and compaction with gravelly soil all around structures with excavated earth/nearby earth material , watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	620	Cft		
37	Concrete (1:2:4)				
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing				
37.1	Lintel Beam	8	CFT		
38	Steel Reinforcement for Lintel Beam				

	Providing, fabricating and laying deformed 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 up to 5m (14.6 ft.) height(fy = 60 ksi) complete in all respect as directed by Engineer/incharge.	32	Kg		
39	Plaster				
	Plastering in patches in cement sand mortar 1:4 including curing and scraping old damaged portions in regular shape and removal of rubbish from the site in ground floor as directed by the Engineer	1051	SFT		
40	T irons & Girder				
	Fabrication of heavy steel work with angle, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks etc. including cutting, drilling riveting, handling, assembling and fixing but excluding erection in position.	289	Kg		
41	Roofing				
	Providing and laying roof insulation comprising single layer of first class burnt brick tile 9"x 4.5"x 1.5" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 3 inches (100mm) thick concrete over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge including curing etc. complete in all respect	310	Sft		
42	Flooring				
	Providing and laying 1:2:4 cement concrete floor 3" (75 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.	188	SFT		
43	MS Door				
	Providing and fixing hot dipped MS single/Double leaf steel door with 2" x 2" x 1/4" frame fully paneled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, acrylic Paint, iron lugs, cutting holes and making good the damages to walls	26	Sft		
44	Ventilator				
	Installation of fully glazed ventilator 2.5'x1.75' with steel wire mesh with wooden frame complete in all	2	No.		

	respect as per drawings directions of the Engineer .				
45	Energy Saver Electrical Bulbs				
	Supply and install Energy Saver Electrical Bulbs of 25 W Philips Energy Saver with plastic holders complete in all respect as per directions of the Engineer	2	No.		
46	Wiring for Lights				
	Wiring of Lights/Fan Points, Light Plugs and Power Plug (15A) from Distribution Box to switch Board and from Switch Board to point i/c appropriate sized cable/Wire, PVC duct , installation, fixing , commissioning , removal of old fitting wiring etc. complete in all respects as per direction of Engineer. (Fast/newage or equivalent)	12	points		
47	Weather Resistant Coat				
	Applying 2 coats of weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris	535	Sft		
48	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	495	Sft		
49	6 Gang power Plug Switches				
	Supply and install 6-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall.	2	No.		
50	Ceiling Fans				
	Supply and Installation of Fan 56" AC/DC (Deluxe) of Superior quality aluminum alloy construction, Energy efficient Electrical Steel Sheet and 99.9% Pure Copper Wire, "E" grade varnish insulation to protect from electric shock and voltage fluctuation, Aerodynamically designed blades for maximum air delivery, High quality paint for superior finishing, Packed in strong corrugated cartons with protective thermophore. with GFC./PAK/Royal complete in all respect. including cost of Dimmer and making all necessary arrangements etc. complete in all respects as per direction/satisfaction of Engineer.	1	Nos.		
51	Glazed Tiles				

	Providing and Laying colored glazed tiles of 24"x24" on floor and tiles of 24" x 9" on walls with approved quality & shade on mortar bed,i/c style mound and filling completed in all aspects as per specifications or as directed by the engineer incharge.	378	Sft		
52	Bracket Fans				
	Providing and installing 20" sweep revolving copper windening Bracket Fans complete in all respect as per directions of Engineer.	1	Nos.		
53	False Ceiling				
	Providing and fixing 1/4" (6.4 mm) thick laminated 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 respects directed by the Engineer	188	Sft		
54	Cabinets				
	Providing & fixing box type cabinets with 20 mm thick laminated lasani sheet or equivalent on all sides with shutter i/c solid approved wood frame 2"x2", approved wood laminated/glass shelves i/c lipping, full length hinges, approved handles, suitable locks, catchers, polishing, painting etc. complete as per specifications and as directed by Engineer(The front area shall be measured for payment).	16	Sft		
55	Sink within Labor Room				
	Providing and fixing approved quality glazed fire clay sink 24" x 18" with 6" (150mm) size C.I. or W.I. brackets built in walls, 1.5" (40 mm) rubber plug and C.P. brass chain, C.P. brass waste, pillar tap 2 way deluxe, malleable iron or C.P. brass trap and unions and making requisite numbers of holes in walls, plinth and floor for pipe connections and making good with approved material	1	LS		
56	Aluminum Windows				
	Providing and fixing fully glazed partly fixed and partly hung or sliding aluminum windows (Deluxe model - 1.6mm) of anodized champagne or approved color of Prime, Chawal, Alcop, Pakistan Cable or any approved section as approved by Engineer In charge including aluminum fittings, local tinted glass, lugs, cutting holes and making good the damages to walls	30	Sft		
57	Sliding fibre wire gauze				

	Providing and fixing fixed or sliding fibre wire gauze in aluminum frame as approved by Engineer in charge including aluminum fittings etc.	30	Sft		
B	Sub Total of construction of Labor Room [B]				-
C	[C] Waiting Area				
58	Galvanized Iron Shade				
	Providing and fixing Galvanized Iron Shade using 18 SWG and 1"x1" MS Square sections 16 gauge with necessary truss arrangements with 1' x 1' frame as approved by Engineer incharge, including 3" iron pipes for foundation upto 3 ft in excavation ,iron lugs, cutting holes and making good the damages to wall etc. complete in all respect as per directions of Engineer Incharge. Note: The Contractor have to provide Gable Shape Slanted G.I Shade for waiting Area.	92	Sft		
59	Concrete Pavers				
	Supply and Fixing of Concrete pavers on sand cushion of different designs having thickness of 60 mm, mechanically compressed, minimum strength of 4500 psi after laboratory testing at factory and random testing at site as and when desired by the Engineer incharge complete in all respects. (No PCC work is permitted underneath this item of work).	120	Sft		
60	Stainless Steel Waiting Chairs				
	Providing and Fixing Stainless Steel waiting chairs of approved quality	4	No		
C	Sub Total of Waiting Area[C]				-
D	[D] Construction of attached Washroom with Labor Room				
61	Excavation & Backfilling				
	Excavation in foundation of buildings, bridges , and other structures, depth up to 4 Feet including dig belling, dressing , refilling around structures with excavated earth, watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	178	Cft		
62	1:3:6 Lean Concrete				
	Providing and laying C.C 1:3:6 Cast -in Situ using graded screened bajri 3/8" and down gauge as fine aggregate and crushed stone 3/4" and down gauge as coarse aggregate including / excluding form work and its removal, curing etc. having minimum works cube crushing strength of 1500 p.s.i. after 28 days curing complete as per drawing complete as per drawing and as directed by Engineer/in charge.	18	Cft		

63	Brick Masonry				
	Providing and laying first class solid burnt Brick masonry in 1:4 cement sand mortar including 9" Column at every 8' interval, levelling, scaffolding, raking out joints and curing in super structure. Complete as per Drawings, Specifications and as Engineer/incharge				
63.1	18" Foundation Wall	65	Cft		
63.2	13.5" Foundation Wall	42	Cft		
63.3	9 " Wall	269	Cft		
64	Backfilling				
	Refilling and compaction with gravelly soil all around structures with excavated earth/nearby earth material, watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	155	Cft		
65	Damp Proof Course				
	Providing and laying 2" (50mm) thick damp proof course 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.	20	Sft		
66	Concrete (1:2:4)				
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing				
66.1	Lintel Beam	3	CFT		
67	Steel Reinforcement for Lintel Beam				
	Providing, fabricating and laying deformed 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 up to 5m (14.6 ft.) height(fy = 60 ksi) complete in all respect as directed by Engineer/incharge.	6	Kg		
68	Plaster				
	Plastering in patches in cement sand mortar 1:4 including curing and scraping old damaged portions in regular shape and removal of rubbish from the site in ground floor as directed by the Engineer	652	SFT		

69	T irons & Girder				
	Fabrication of heavy steel work with angle, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks etc. including cutting, drilling riveting, handling, assembling and fixing but excluding erection in position.	52	Kg		
70	Roofing				
	Providing and laying roof insulation comprising single layer of first class burnt brick tile 9"x 4.5"x 1.5" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 3 inches (100mm) thick concrete over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge including curing etc. complete in all respect	98	Sft		
71	Flooring				
	Providing and laying 1:2:4 cement concrete floor 3" (75 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.	62	SFT		
72	MS Door				
	Providing and fixing hot dipped MS single/Double leaf steel door with 2" x 2" x 1/4" frame fully paneled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, acrylic Paint, iron lugs, cutting holes and making good the damages to walls	21	Sft		
73	Ventilator				
	Installation of fully glazed ventilator 2.5'x1.75' with steel wire mesh with wooden frame complete in all respect as per drawings directions of the Engineer .	1	No.		
74	Energy Saver Electrical Bulbs				
	Supply and install Energy Saver Electrical Bulbs of 25 W Philips Energy Saver with plastic holders complete in all respect as per directions of the Engineer	1	No.		
75	Wiring for Lights				
	Wiring of Lights/Fan Points, Light Plugs and Power Plug (15A) from Distribution Box to switch Board and from Switch Board to point i/c appropriate sized cable/Wire, PVC duct , installation, fixing , commissioning , removal of old fitting wiring etc. complete in all respects as per direction of Engineer. (Fast/newage or equivalent)	3	points		
76	Weather Resistant Coat				

	Applying 2 coats of weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris	324	Sft		
77	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	202	Sft		
78	6 Gang power Plug Switches				
	Supply and install 6-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall.	1	No.		
79	PPRC Pipes				
	Providing, laying, cutting, jointing, testing and disinfecting PPRC Pipe PN20 32mm) Outer dia confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material	93	ft		
80	Bib Cocks				
	Providing and fixing 3/4" (20 mm) dia.superior quality C.P. bib cock of approved make	2	No.		
81	Wash Basins				
	Providing and fixing approved quality fixtures Wash basin 24" (610 mm) ICL Futura make	1	No.		
82	Flushing Cisterns				
	Providing and fixing plastic flushing cistern of approved quality and color.	1	No.		
83	Indian Water Closet				
	Supply and fix Orrisa pattern glazed earthenware Indian W/C i/c Flush tank SS hockey pipe, P-trap, Internal uPVC/PPRC work, nuts and bolts, connection with water source and Sewerage Line/Septic Tank, removal of old WC/fixtures/fittings etc. complete in all respects and as approved by the Engineer.	1	Nos		
84	Pillar Cock Double Way				
	Providing and fitting Double way superior quality C.P. or brass oxidized 1/2" (12mm) swan neck pillar cock (tap) of approved make.	1	Nos.		
85	LDPE Water Tank				
	Providing and fixing LDPE overhead tank 300 gallon capacity double ply, blue/white manufactured by Marjan, Master or equivalent on top of any floor	1	Each		
86	Towel rail				

	Providing and fixing Towel rail 30" x 3/4" (750mm x 20mm) approved quality chromium plated towel rail with bracket and screws.	1	Sft		
87	Looking Mirror				
	Providing and fixing looking mirror of Belgium/ Malaysian/ Indonesian glass with chromium plated screws.	1	No.		
88	Dado Tiles				
	Providing and laying terrazzo dado/ skirting 7/8" (22mm) thick comprising 3/8" (9mm) thick topping 1:2 (one grey cement & two marble chips) in ground floor over 1/2" (13mm) thick cement sand mortar base 1:4 with grinding, rubbing, polishing & curing.	184	Sft		
89	Exhaust Fans				
	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.	1	No.		
D	Sub Total of Washroom Construction [D]				-
E	[E] Construction of Soak Pit 6' x 6' x 30'				
90	Excavation				
	Earthwork excavation in open cutting in Hard soil from required depth for storm water channels, drains in open area, roads, streets lanes and shoring to protect existing works, shuttering and timbering the trenches dressed to designed level and dimension, trimming from trenches, backfilling and disposal of surplus excavated material upto 100 ft (30 m) including dressing, excluding removal of surface water from drains.	1080	Cft		
91	Stone Ballast				
	Providing and laying Stone ballast of different sizes as per directions of Engineer.	180	Cft		
92	Concreting				
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in soak Pit including formwork and its removal, compacting and curing.	12	Cft		
93	Steel Reinforcement				
	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	45	kg		

94	PVC Pipes				
	Providing, laying, cutting, jointing, testing and disinfecting PVC pipes of 4" dia complete in all respects	12	Rft		
E	Sub Total of Soak Pit [E]				
1	Grand Total Amount [A] + [B] + [C] + [D] + [E]				

2. Bill of Quantities for Civil Works of BHU Batezaee in District Pishin

S.No	ITEM DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
A	[A] BHU Repair & Renovation Works				
1	Weather Resistant Coat				
	Applying 2 coats of weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris	4250	Sft		
2	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	3950	Sft		
3	Enamel Paint				
	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)	226	Sft		
4	Wooden Doors				
	Providing and fixing teak wood 3 ply 1.5" (38 mm) thick pressed veneered door shutters fully flushed with First class wood veneering on all faces and sides fixed over partial wood cavities core and frame work of not less than 4" (100mm) wide strips all round with approved iron hinges, tower bolts as required	47	Sft		
5	Ceiling Fans				

	Supply and Installation of Fan 56" AC/DC (Deluxe) of Superior quality aluminum alloy construction, Energy efficient Electrical Steel Sheet and 99.9% Pure Copper Wire, "E" grade varnish insulation to protect from electric shock and voltage fluctuation, Aerodynamically designed blades for maximum air delivery, High quality paint for superior finishing, Packed in strong corrugated cartons with protective thermophore. with GFC./PAK/Royal complete in all respect. including cost of Dimmer and making all necessary arrangements etc. complete in all respects as per direction/satisfaction of Engineer.	1	Nos.		
6	Energy Saver Electrical Bulbs				
	Supply and install Energy Saver Electrical Bulbs of 25 W Philips Energy Saver with plastic holders complete in all respect as per directions of the Engineer	6	No.		
7	Cabinets for laboratory				
	Providing & fixing box type cabinets with 20 mm thick laminated lasani sheet or equivalent on all sides with shutter i/c solid approved wood frame 2"x2", approved wood laminated/glass shelves i/c lipping, full length hinges, approved handles, suitable locks, catchers, polishing, painting etc. complete as per specifications and as directed by Engineer(The front area shall be measured for payment).	20	Sft		
A	Sub Total of Quarters Repair Works [A]				-
B	[B]Labor Room Works				
8	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	495	Sft		
9	6 Gang power Plug Switches				
	Supply and install 6-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall.	3	No.		
10	Ceiling Fans				

	Supply and Installation of Fan 56" AC/DC (Deluxe) of Superior quality aluminum alloy construction, Energy efficient Electrical Steel Sheet and 99.9% Pure Copper Wire, "E" grade varnish insulation to protect from electric shock and voltage fluctuation, Aerodynamically designed blades for maximum air delivery, High quality paint for superior finishing, Packed in strong corrugated cartons with protective thermophore. with GFC./PAK/Royal complete in all respect. including cost of Dimmer and making all necessary arrangements etc. complete in all respects as per direction/satisfaction of Engineer.	1	Nos.		
11	Glazed Tiles				
	Providing and Laying colored glazed tiles of 24"x24" on floor and tiles of 24" x 9" on walls with approved quality & shade on mortar bed,i/c style moud and filling completed in all aspects as per specifications or as directed by the engineer incharge.	528	Sft		
12	Bracket Fans				
	Providing and installing 20" sweep revolving copper windening Bracket Fans complete in all respect as per directions of Engineer.	2	Nos.		
13	False Ceiling				
	Providing and fixing 1/4" (6.4 mm) thick laminated 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 respects directed by the Engineer	276	Sft		
14	Cabinets				
	Providing & fixing box type cabinets with 20 mm thick laminated lasani sheet or equivalent on all sides with shutter i/c solid approved wood frame 2"x2", approved wood laminated/glass shelves i/c lipping, full length hinges, approved handles, suitable locks, catchers, polishing, painting etc. complete as per specifications and as directed by Engineer(The front area shall be measured for payment).	42	Sft		
15	Sink within Labor Room				

	Providing and fixing approved quality glazed fire clay sink 24" x 18" with 6" (150mm) size C.I. or W.I. brackets built in walls, 1.5" (40 mm) rubber plug and C.P. brass chain, C.P. brass waste, pillar tap 2 way deluxe, malleable iron or C.P. brass trap and unions and making requisite numbers of holes in walls, plinth and floor for pipe connections and making good with approved material	1	LS		
B	Sub Total of construction of Labor Room [B]				-
C	[C] Waiting Area				
16	Galvanized Iron Shade				
	Providing and fixing Galvanized Iron Shade using 18 SWG and 1"x1" MS Square sections 16 gauge with necessary truss arrangements with 1' x 1' frame as approved by Engineer incharge, including 3" iron pipes for foundation upto 3 ft in excavation ,iron lugs, cutting holes and making good the damages to wall etc. complete in all respect as per directions of Engineer Incharge. Note: The Contractor have to provide Gable Shape Slanted G.I Shade for waiting Area.	92	Sft		
17	Concrete Pavers				
	Supply and Fixing of Concrete pavers on sand cushion of different designs having thickness of 60 mm, mechanically compressed, minimum strength of 4500 psi after laboratory testing at factory and random testing at site as and when desired by the Engineer incharge complete in all respects. (No PCC work is permitted underneath this item of work).	120	Sft		
18	Stainless Steel Waiting Chairs				
	Providing and Fixing Stainless Steel waiting chairs of approved quality	6	No		
C	Sub Total of Waiting Area[C]				-
D	[D] Construction of attached Washroom with Labor Room				
19	Dismantling of existing wall				
	Dismantling of existing 9" plastered wall(total area:21 sft) and installation of plinth beam over the wall with necessary arraignments of jack for preventing wall to come down and installation of door frame with plastering of surface at the edges complete in all respect as per directions of Engineer	1	Job		
20	Excavation & Backfilling				

	Excavation in foundation of buildings, bridges , and other structures, depth up to 4 Feet including dig belling, dressing , refilling around structures with excavated earth, watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	187	Cft		
21	1:3:6 Lean Concrete				
	Providing and laying C.C 1:3:6 Cast -in Situ using graded screened bajri 3/8" and down gauge as fine aggregate and crushed stone 3/4" and down gauge as coarse aggregate including / excluding form work and its removal, curing etc. having minimum works cube crushing strength of 1500 p.s.i. after 28 days curing complete as per drawing complete as per drawing and as directed by Engineer/in charge.	18	Cft		
22	Brick Masonry				
	Providing and laying first class solid burnt Brick masonry in 1:4 cement sand mortar including 9" Column at every 8' interval, levelling, scaffolding, raking out joints and curing in super structure. Complete as per Drawings, Specifications and as Engineer/incharge				
22.1	18" Foundation Wall	58	Cft		
22.2	13.5" Foundation Wall	50	Cft		
22.3	9 " Wall	210	Cft		
23	Backfilling				
	Refilling and compaction with gravelly soil all around structures with excavated earth/nearby earth material , watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	40	Cft		
24	Damp Proof Course				
	Providing and laying 2" (50mm) thick damp proof course 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.	21	Sft		
25	Concrete (1:2:4)				
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing				
25.1	Lintel Beam	1.96	CFT		
26	Steel Reinforcement for Lintel Beam				

	Providing, fabricating and laying deformed 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 up to 5m (14.6 ft.) height($f_y = 60$ ksi) complete in all respect as directed by Engineer/incharge.	5.23	Kg		
27	Plaster				
	Plastering in patches in cement sand mortar 1:4 including curing and scraping old damaged portions in regular shape and removal of rubbish from the site in ground floor as directed by the Engineer	492	SFT		
28	T irons & Girder				
	Fabrication of heavy steel work with angle, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks etc. including cutting, drilling riveting, handling, assembling and fixing but excluding erection in position.	48	Kg		
29	Roofing				
	Providing and laying roof insulation comprising single layer of first class burnt brick tile 9"x 4.5"x 1.5" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 3 inches (100mm) thick concrete over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge including curing etc. complete in all respect	56	Sft		
30	Flooring				
	Providing and laying 1:2:4 cement concrete floor 3" (75 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.	39	SFT		
31	MS Door				
	Providing and fixing hot dipped MS single/Double leaf steel door with 2" x 2" x 1/4" frame fully paneled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, acrylic Paint, iron lugs, cutting holes and making good the damages to walls	20	Sft		
32	Ventilator				

	Installation of fully glazed ventilator 2.5'x1.75' with steel wire mesh with wooden frame complete in all respect as per drawings directions of the Engineer	1	No.		
33	Energy Saver Electrical Bulbs				
	Supply and install Energy Saver Electrical Bulbs of 25 W Philips Energy Saver with plastic holders complete in all respect as per directions of the Engineer	1	No.		
34	Wiring for Lights				
	Wiring of Lights/Fan Points, Light Plugs and Power Plug (15A) from Distribution Box to switch Board and from Switch Board to point i/c appropriate sized cable/Wire, PVC duct, installation, fixing, commissioning, removal of old fitting wiring etc. complete in all respects as per direction of Engineer. (Fast/newage or equivalent)	3	points		
35	Weather Resistant Coat				
	Applying 2 coats of weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris	189	Sft		
36	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	233	Sft		
37	6 Gang power Plug Switches				
	Supply and install 6-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall.	1	No.		
38	PPRC Pipes				
	Providing, laying, cutting, jointing, testing and disinfecting PPRC Pipe PN20 32mm) Outer dia confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material	52	ft		
39	Bib Cocks				
	Providing and fixing 3/4" (20 mm) dia.superior quality C.P. bib cock of approved make	2	No.		
40	Wash Basins				
	Providing and fixing approved quality fixtures Wash basin 24" (610 mm) ICL Futura make	1	No.		
41	Flushing Cisterns				

	Providing and fixing plastic flushing cistern of approved quality and color.	1	No.		
42	Indian Water Closet				
	Supply and fix Orrisa pattern glazed earthenware Indian W/C i/c Flush tank SS hockey pipe, P-trap, Internal uPVC/PPRC work, nuts and bolts, connection with water source and Sewerage Line/Septic Tank, removal of old WC/fixtures/fittings etc. complete in all respects and as approved by the Engineer.	1	Nos		
43	Pillar Cock Double Way				
	Providing and fitting Double way superior quality C.P. or brass oxidized 1/2" (12mm) swan neck pillar cock (tap) of approved make.	1	Nos.		
44	LDPE Water Tank				
	Providing and fixing LDPE overhead tank 300 gallon capacity double ply, blue/white manufactured by Marjan, Master or equivalent on top of any floor	1	Each		
45	Towel rail				
	Providing and fixing Towel rail 30" x 3/4" (750mm x 20mm) approved quality chromium plated towel rail with bracket and screws.	1	Sft		
46	Looking Mirror				
	Providing and fixing looking mirror of Belgium/ Malaysian/ Indonesian glass with chromium plated screws.	1	No.		
47	Dado Tiles				
	Providing and laying terrazzo dado/ skirting 7/8" (22mm) thick comprising 3/8" (9mm) thick topping 1:2 (one grey cement & two marble chips) in ground floor over 1/2" (13mm) thick cement sand mortar base 1:4 with grinding, rubbing, polishing & curing.	129	Sft		
48	Exhaust Fans				
	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.	1	No.		
49	PVC Pipes				
	Providing, laying, cutting, jointing, testing and disinfecting PVC pipes of 4" dia complete in all respects	18	Rft		
D	Sub Total of Washroom Construction [D]				-
E	[E] Construction of Room				
50	Excavation & Backfilling				

	Excavation in foundation of buildings, bridges, and other structures, depth up to 4 Feet including dig belling, dressing, refilling around structures with excavated earth, watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	360	Cft		
51	1:3:6 Lean Concrete				
	Providing and laying C.C 1:3:6 Cast -in Situ using graded screened bajri 3/8" and down gauge as fine aggregate and crushed stone 3/4" and down gauge as coarse aggregate including / excluding form work and its removal, curing etc. having minimum works cube crushing strength of 1500 p.s.i. after 28 days curing complete as per drawing complete as per drawing and as directed by Engineer/in charge.	36	Cft		
52	Brick Masonry				
	Providing and laying first class solid burnt Brick masonry in 1:4 cement sand mortar including 9" Column at every 8' interval, levelling, scaffolding, raking out joints and curing in super structure. Complete as per Drawings, Specifications and as Engineer/incharge				
52.1	18" Foundation Wall	112	Cft		
52.2	13.5" Foundation Wall	98	Cft		
52.3	9 " Wall	405	Cft		
53	Damp Proof Course				
	Providing and laying 2" (50mm) thick damp proof course 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.	40.5	Sft		
54	Backfilling				
	Refilling and compaction with gravelly soil all around structures with excavated earth/nearby earth material, watering and ramming lead up to 30m lift up to 1.5 m. complete in all respect as directed by the Engineer	180	Cft		
55	Concrete (1:2:4)				
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing				
55.1	Lintel Beam	7.2	CFT		
56	Steel Reinforcement for Lintel Beam				

	Providing, fabricating and laying deformed 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 up to 5m (14.6 ft.) height($f_y = 60$ ksi) complete in all respect as directed by Engineer/incharge.	42	Kg		
57	Plaster				
	Plastering in patches in cement sand mortar 1:4 including curing and scraping old damaged portions in regular shape and removal of rubbish from the site in ground floor as directed by the Engineer	996	SFT		
58	T irons & Girder				
	Fabrication of heavy steel work with angle, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks etc. including cutting, drilling riveting, handling, assembling and fixing but excluding erection in position.	242	Kg		
59	Roofing				
	Providing and laying roof insulation comprising single layer of first class burnt brick tile 9"x 4.5"x 1.5" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 3 inches (100mm) thick concrete over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge including curing etc. complete in all respect	212	Sft		
60	Flooring				
	Providing and laying 1:2:4 cement concrete floor 3" (75 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.	160	SFT		
61	MS Door				
	Providing and fixing hot dipped MS single/Double leaf steel door with 2" x 2" x 1/4" frame fully paneled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, acrylic Paint, iron lugs, cutting holes and making good the damages to walls	21	Sft		
62	Ventilator				

	Installation of fully glazed ventilator 2.5'x1.75' with steel wire mesh with wooden frame complete in all respect as per drawings directions of the Engineer .	1	No.		
63	Energy Saver Electrical Bulbs				
	Supply and install Energy Saver Electrical Bulbs of 25 W Philips Energy Saver with plastic holders complete in all respect as per directions of the Engineer	2	No.		
64	Wiring for Lights				
	Wiring of Lights/Fan Points, Light Plugs and Power Plug (15A) from Distribution Box to switch Board and from Switch Board to point i/c appropriate sized cable/Wire, PVC duct , installation, fixing , commissioning , removal of old fitting wiring etc. complete in all respects as per direction of Engineer. (Fast/newage or equivalent)	12	points		
65	Weather Resistant Coat				
	Applying 2 coats of weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris	498	Sft		
66	Paint Works				
	Providing and applying 2 Coats Distemper on old surface i/c the removal of old distemper, etc. completed in all aspects as per the directions of engineer incharge	656	Sft		
67	6 Gang power Plug Switches				
	Supply and install 6-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall.	2	No.		
68	Ceiling Fans				
	Supply and Installation of Fan 56" AC/DC (Deluxe) of Superior quality aluminum alloy construction, Energy efficient Electrical Steel Sheet and 99.9% Pure Copper Wire, "E" grade varnish insulation to protect from electric shock and voltage fluctuation, Aerodynamically designed blades for maximum air delivery, High quality paint for superior finishing, Packed in strong corrugated cartons with protective thermophore. with GFC./PAK/Royal complete in all respect. including cost of Dimmer and making all necessary arrangements etc. complete in all respects as per direction/satisfaction of Engineer.	1	Nos.		
69	Glazed Tiles				

	Providing and Laying colored glazed tiles of 24"x24" on floor and tiles of 24" x 9" on walls with approved quality & shade on mortar bed,i/c style mound and filling completed in all aspects as per specifications or as directed by the engineer incharge.	188	Sft		
70	False Ceiling				
	Providing and fixing 1/4" (6.4 mm) thick laminated 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 respects directed by the Engineer	161	Sft		
71	Cabinets				
	Providing & fixing box type cabinets with 20 mm thick laminated lasani sheet or equivalent on all sides with shutter i/c solid approved wood frame 2"x2", approved wood laminated/glass shelves i/c lipping, full length hinges, approved handles, suitable locks, catchers, polishing, painting etc. complete as per specifications and as directed by Engineer(The front area shall be measured for payment).	16	Sft		
72	Aluminum Windows				
	Providing and fixing fully glazed partly fixed and partly hung or sliding aluminum windows (Deluxe model - 1.6mm) of anodized champagne or approved color of Prime, Chawal, Alcop, Pakistan Cable or any approved section as approved by Engineer In charge including aluminum fittings, local tinted glass, lugs, cutting holes and making good the damages to walls	28	Sft		
72	Sliding fibre wire gauze				
	Providing and fixing fixed or sliding fibre wire gauze in aluminum frame as approved by Engineer in charge including aluminum fittings etc.	28	Sft		
E	Sub Total of construction of Room [E]				-
	Grand Total Amount [A] + [B] + [C] + [D] + [E]				-

3. Bill of Quantities for Civil Works of BHU Lajwar in District Killa Abdullah					
S.No	ITEM DESCRIPTION	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100ft.(30m) & lift upto 5 ft. (1.5m)				
		29.25			
		33.75			
2	Providing and laying plain hand mixed cement concrete using sand and P.C.C (1:4:8)	4.88	CFT		
	P.C.C (1:4:8)	5.63			
3	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing		CFT		
	Shelf Slab	8.58			
		6.60			
	Total Quantity	15.18			
4	Providing and laying (1:3:6) cement concrete block masonry using Coarse Sand and Approved crushed aggregate 3/4" (19mm) and down gauge in ground floor super-structure including scaffolding, raking out joints and curing. Cement sand mortar 1 : 4		CFT		
	Long Wall	221.1			
	Short Wall	95.81	CFT		
	TOTAL	316.91			
5	1/2 inch (13mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing.		CFT		
	Existing Boundry Wall outside	2200			
	New Wall Construction	660			
		286			
		3146			
6	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing		SFT		
	Room Type-1(15x13)	975			
	Bath Room (8x6)	96			
	Store Room (10x7)	70			
	TOTAL	1141			
7	Providing and laying 3/4" (19mm) thick mosaic tiles 6"x6" sized and/or skirting of approved design in any color, shade and patterning ground floor over 3/8" thick base cement sand mortar 1:3 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost. (Skirting)		SFT		
	Room Type-1(15x13)	140			
	Store Room (10x7)	17			
	Total	157			

8	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/Matt tiles of any colour and size on ground floor laid over 1" (25mm) thick cement sand mortar base including jointing and washing the tiles with white cement slurry of matching color by using color pigment and curing.		SFT		
	Bath Room (8x6) Walls	224			
		168			
		104			
		120			
		616			
	D/d of Doors	35			
	Net Qty	581			
9	Distemping with Berger/ICI or equivalent synthetic vinyl emulsion paint of approved shade on old surface of walls and ceiling including dusting, sandpapering and cleaning in basement and ground floor.		SFT		
	Room Type-1(15x13) Short Wall	1430			
	Room Type-1(15x13) Long Wall	1650			
	Roof Ceiling	975			
	Store (10x7)	220			
		154			
	Store Roof Ceiling	70			
	Bath Room (8x6) Long Side	160			
	Bath Room (8x6) Short Side	120			
	Varendah wall	489.5			
	Varendah Roof	534			
	Boundary Wall Long	7700			
	Total Quantity	13,502.50			
	D/d of Doors & Windows				
	W1	100			
	D1	122.5			
	D2	35			
	Total Deduction	257.5			
	Net Quantity	13,245.00			
10	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two more coats as per manufacturer's instructions on woodwork over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement. (@at least 1.65 Litre per 10 Sq.m)		SFT		
	Room Type-1(15x13) Short Wall	1430			
	Room Type-1(15x13) Long Wall	1650			
	Roof Ceiling	975			
	Store Room (10x7)	220			
		154			
	Store Roof Ceiling	70			
	Bath Room (8x6) Long Side	160			
	Bath Room (8x6) Short Side	120			
	Total Quantity	4779			
	D/d of Doors & Windows				
	W1	100			
	D1	122.5			
	D2	35			
	Total Deduction	257.5			
	Net Quantity	4,521.50			

11	Applying weather resistant paint coatings such as ICI/Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sandpapering and cleaning, scaffolding and removal of debris.		SFT		
	Boundary Wall Long	7700			
	Total Quantity	7,700.00			
12	Providing and fixing 1.5" (38mm) thick pressed veneered door shutters fully flushed with First class wood veneering on all faces and side s fixed over partal wood cavited core and framework of not less than 4" (100mm) wide strips all round with approved iron hinges, tower bolts as required.		SFT		
	D1	122.5			
	D2	35			
	Total Quantity	157.5			
13	Providing and fixing locks with brass or specially supplied screws including Door Closers and Floor Hinges of approved design including cutting wood to required shape and size with two operating keys.		SFT		
	Hyundi lock				
14	Supply and install Energy Saver electric bulbs	25			
15	Supply and install 56" (1.42m) sweep ceiling fan with fan hook and dimmer complete with all accessories.	6	No's		
16	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.	2	No's		
17	Supply and install 40W electric tube light rod including patty	7	No's		
18	Blinds for 5- Rooms Windows	5	No's		
19	Front Yard earth filling with typical sandy gravel/cobble soil with boulders and leveling of ground.	24000	No's		
20	Tuff Tiling of front yard.	750	CFT		
21	Fiber Partion in Verandah with complete Frame with fixation and welding.	105	SFT		
22	CCTV Camera Complete System (5-6 cameras)	1	SFT		
23	TR Garder Roof For Room (15ftx13ft) complete fixing and installation	1	No's		
		1	No's		
TOTAL AMOUNT					
Grand Total Of All Basci Helath Units					

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 & UNDETAKES 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 _____