Tenderer/ Bidders/Consulting Firms are directed to comply the following checklist along with the sealed envelope of bidding documents while participating the tender as per schedule date and time.

SR. NO	BIDDER DOCUMENTS	MENTIONED PAGE NO. (To Filled By the Tenderer)					
Comp are:-	oulsory Required Documents to Participate in Bidding fo	<i>,</i>					
1	Written Application <sup>*</sup> on Firm's Letter Head Pad for the Work you are going to participate under this bidding document.						
2	<ul> <li>License of Pakistan Engineering Council (Not-Required for Ex. Pre- Qualified Contractors in D and E Category and involved in repair works with ECD-M)</li> <li>A. Valid License Copy is mandatory from the PEC Registered contractors for the said PEC- Class</li> </ul>						
3	Copy of Registration Certificate, (Active NTN Certificate) with Federal Board of Revenue.						
4	Copy of Registration Certificate, (Active PNTN Certificate) with Punjab Revenue Authority Punjab						
5	Registrar of Firms/SECP (not for sole proprietorship)						
6	Affidavit of Stamp Paper about No litigation and Blacklisting						
7	Bank certificate/ Bank statement (Last One Year)						
8	List of works of similar nature						
9	Work Orders of Similar Nature						
10	List of Partners/Directors						
11	Copy of Active STN, with Active NTN Certificate with Federal           Board of Revenue.           (Desired with Purchase Items Only)						
	Save Paper. Save Trees. Save the World. * Attach Firm Covering Letter/Memo for the Downloaded Ten wherein, the name of the work (Including Sr. No. in case of ma the said tender) and tender No should be mentioned clearly						

Note: Bidders are directed to provide forth-said information with the tender to the

Office of Executive Engineer, UAF to proceed further.

Agreement No.\_

Contractor

Stereo I.B No. 386 (revised) Stereo I.B No. 389 (revised) Stereo I.B No. 28 (revised) Stereo I.B No. 29 (revised)

# UNIVERSITY OF AGRICULTURE, FAISALABAD

(Item Rate / Percentage Age Rate Tender & Contract for Works)

<u> </u>		0 0		·
		i.	Up-gradation and B Residences, UAF.	Rehabilitation of House No. 08 Paroka Dairy Farm
			,	Dehabilitation of House No. 06 Danaka Dainy Form
	Name of	ii.		Rehabilitation of House No. 06 Paroka Dairy Farm
1			Residences, UAF.	Dehabilitation of House No. 10 Danaka Dainy Form
	work:	111.		Rehabilitation of House No. 10 Paroka Dairy Farm
		•	Residences, UAF.	Debel: 14.4 in a filler No. 02 Develop Deime Franz
		IV.		Rehabilitation of House No. 02 Paroka Dairy Farm
		•	Residences, UAF.	1
		i. 	PKR: 398,763/-	
2	Estimated	ii.	PKR: 398,753/-	
2	cost :	iii.	PKR: 398,763/-	
		iv.	PKR: 398,941/-	
		i.	One Month	Note: - Time Extension (if any) should not be more than
	Time for	ii.	One Month	original completion time mentioned in the work order. In case
3	completion:	iii.	One Month	of any contradiction, this provision will prevail. However, this
C	<b>T</b>	iv.	One Month	can be right off with the prior approval of the Competent
				Authority, UAF any time during the execution of the work
				under specific circumstances.
	Amount of	i.	PKR: 7,975/-	
4	Bid	ii.	PKR: 7,975/-	
	Security:		PKR: 7,975/-	
	Security.	<mark>iv.</mark>	PKR: 7,979/-	
5	Issued to:			
	<b>D</b> ( 1			
6	Pre-tender	N.A.		
	conference:			
	Dead Line			
7	for			23-04-2024
	submission			
	of Tender:			
8	Opening of			23-04-2024
_	Tender :			
9	Issued by:	Office	Of Executive Enginee	r, University of Agriculture, Faisalabad.

Date: -----

Signature: -----

(OFFICE STAMP)

Note:

Contractor

The officer / Tender Opening committee is competent to reject the tender, which does not bear the signature and stamp of the issuing officer in favor of the contractor/firm to whom the tender-documents was issued against prescribed fee (Non-Refundable) for the purpose/ work requested thereto. However, the tender documents can be downloaded Free of Cost from UAF or PPRA website. Tender documents in a sealed envelope along with prescribed Bid Security @ 2% in shape of CDR/DD in favour of Executive Engineer (ECD-M) /Treasure, UAF must reach to the **Office of Executive Engineer, University of Agriculture Faisalabad** up to schedule of closing.

## GENERAL DIRECTIONS FOR THE GUIDANCE OF THE TENDERERS

1. These directions are provided to assist the tenderer in preparing and submitting his tender. The tender shall contain all information and data required to be furnished and shall be prepared and submitted in accordance with the instructions set forth herein.

2. All necessary documents, such as copies of specifications (excluding standard specification books etc), contract documents, including bill of quantities, estimated rates and any other documents required in connection with the preparation of tender or execution of works, signed by the Engineer-in-charge will accompany the tender form and the cost of such annexed documents will be reflected in the cost of the tender form.

3. The tenderer will not be reimbursed for any costs of any kind, whatsoever, incurred in connection with the preparation and submission of his tender.

4. No single tender shall include more than one work. A tenderer who wishes to tender for two or more works shall submit tender for each work, separately.

5. The memorandum of work tendered for, and the schedule of materials and equipment to be supplied by the Engineer-in-charge and the rates at which they are to be charged for (annexed hereto) shall be filled in the office of the Engineer-in-charge before the tender form is issued. At this stage the tenderer should ensure that the tender form so issued is complete in all respects.

6. The tenderer shall note that the ultimate responsibility for the quality of work and its conformity with the specifications and drawings rests solely with the successful bidder whose tender is accepted.

7. The tenderer shall at his own expense, inspect and examine the site and surroundings and obtain for himself, on his own responsibility, all information that may be necessary for preparing the tender and entering into contract, and shall determine and satisfy himself by such means as he may consider necessary or desirable as to all matters

## Contractor

pertaining to the tender. The tenderer shall also satisfy himself before submitting his tender as to the nature of grounds, hydrological and climatic conditions, the form and nature of the site, the nature and lay out of the terrain, the availability of labour, water, electric power and transportation facilities in the area. The tenderer shall specially investigate into the sources of materials to be used for the works and satisfy himself about the quality and quantities of materials available for the completion of the work and the means of access to the site, the accommodation he may require and, in general, shall himself obtain all necessary information, as to the risks, contingencies and other circumstances which may influence or affect his tender. The Engineer-in-charge shall not assume any responsibility regarding information gathered, interpretation or deduction which the tenderer may arrive at, from the data that may be furnished with the contract documents.

8. (a) The tenderer shall fill up the bid schedule.

(b) In case tenders are called on item rate basis, the tenderer shall quote his own unit rate in the bid schedule on which he is willing to under take each item of work.

9. (i) The tenderer shall work out the amount against each item of work in the bid schedule and will indicate the total amount of his tender on which he is willing to complete the works. The total amount worked out in the bid schedule shall be entered by the tenderer in his tender as his tender price for the work in case of discrepancy between amounts in figures and in words the amount in words shall prevail.

(ii) Should any discrepancy be found in the amount of pay items or if a column of amount is found blank after filling in a unit rate, the unit rate filled by the tenderer will be extended in working out of the amount of the tender and the total amount of the bid schedule will be adjusted accordingly.

(iii) If a unit rate is left blank, but the amount against the item is filled, the unit rate will be worked out on the basis of the amount divided by the quantity of the item shown in the bid schedule

(iv) If it is found that the tenderer has not entered any unit rate and amount against any of the pay items of the bid schedule, the Engineer-in-charge shall fill in the blanks by noting the word "Nil" in such blanks at the time of opening of the tender. Such pay items shall be deemed to be covered by the rates of other items.

(v) If the tenderer does not accept the adjusted/corrected amount of tender according to the above provision, his tender shall be rejected and the earnest money forfeited.

## Contractor

10 The tender which proposes any alteration in the works specified in the bid schedule or in the time allowed for carrying out the works or in any other condition mentioned by the Engineer- in-charge, will be liable to rejection. The tenderer shall sign each and every page of the tender and contract documents, without making any alteration. All enclosures issued with the contract documents, shall be attached with the tender duly signed by the tenderer. Any addition or alteration made after filling the form shall be duly attested by the tenderer. Non-compliance of this condition shall render the tender liable to rejection.

11 The tenderer shall fill in the tender documents in ink: Errors, if any, shall be scored out and corrections rewritten legibly and attested by the tenderer. Any addition or alternation made after filling the form shall be duly attested by the tenderer. Noncompliance of this condition shall render the tender liable to rejection. Any tender with unattested correction shall be attested by the tenderer in the presence of other tenderers at the time of opening of the tender except that no correction shall be permissible in the rate or amount of the bid schedule or in the tendered price after the opening of the tender.

12 Additional clause(s) for a particular work shall be typed on separate sheets by the Engineer-in-charge, which will be annexed to the contract documents specifying the number of sheets(s). The tenderer shall not add or delete any additional clause(s) in the additional clause(s) sheet(s), provided by the Engineer-in-charge.

13 The quantities mentioned in the bid schedule are estimated quantities, to be used for preparing tenders, and the Engineer-in-charge does not expressly nor by implication agree that the actual amount of works to be performed will correspond therewith. No payment will be made on account of anticipated profits for work covered by the contract which is not performed, nor will any adjustment in the unit rates set forth in the bid schedule be made because of an increase or decrease in the actual quantities from the estimated quantities indicated therein, except as determined in accordance with the provisions of clause 42 of the general conditions of contract.

14 No tender without earnest money shall be entertained. Earnest money, calculated @ 2% of the estimated cost of the work (rounded suitably), shall be in the form of deposit at call receipt. The earnest money of the unsuccessful tenderers shall normally be returned by the Engineer-in-charge within a week of opening of the tenders and in any case not later than thirty (30) days following the date set for opening of tenders except in cases where the tenders are to be accepted by the Chief Engineer, in those cases the earnest money of only the three lowest bidders will be retained and returned to the unsuccessful bidders not later than sixty (60) days of opening of the tenders. In the event of the tender

Contractor

#### Tender No. 13/2024

being accepted, a receipt for the earnest money forwarded therewith, shall there upon be given to the contractor. The earnest money of the successful tenderer on execution of the contract covering work will be adjusted towards the amount of security deposit to be retained from the first amounts(s) payable to the contractor under the contract.

15 The lowest evaluated bidder will be required to furnish the performance guarantee / quality assurance security (wherever required) before entering into a contract. Should the lowest evaluated bidder refuse or fail for any reason to furnish the performance guarantee / quality assurance security, it should constitute a just cause for rejection of his tender / annulment of award and in event of such rejection / annulment, the entire earnest money shall be forfeited to Government, as compensation for such default.

16 (i) The tender shall be signed by the person(s) duly authorized to do so. In the event of a tender being submitted by a firm, it shall be signed separately by each member thereof, or in the event of the absence of any partner, it shall be signed on his behalf by a person holding a power of attorney authorizing him to do so. Such power of attorney should be produced with the tender and it must disclose that the firm is duly registered under the partnership Act, 1932 or any other law in force.

(ii) The tender submitted by a joint venture of two or more firms shall be accompanied by a document of formation of the joint venture, duly registered and authenticated by a competent court, in which shall be stated precisely, the conditions under which it shall function, its period of validity, the person(s) authorized to represent it and accept its obligations the participation of several firms forming the joint venture and any other information necessary to permit a full appraisal of its function.

(iii) A tender submitted by a corporation must bear the seal of the corporation and be attested by its Secretary.

(iv) In all cases, the tender must be signed by an individual or individuals having powers to legally bind the firm, joint venture, corporation or companies on whose behalf they are signing.

17 Each tenderer shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender and of the rates and prices stated in the bid schedule, which rates and prices shall, except in so far as it is otherwise expressly provided in the contract, cover all obligations under the contract and all matters and things necessary for the proper completion and maintenance of the work.

18 The tenderer may modify or withdraw his tender after submission, provided that the modification or notice of withdrawal is received in writing by the Engineer-in-charge

#### Contractor

prior to the prescribed deadline for submission of tenders. The tenderer's modification or notice of withdrawal shall be prepared, sealed, marked and delivered, with the inner envelopes additionally marked "MODIFICATION OR WITHDRAWAL" as appropriate. No tender may be modified subsequent to the deadline for submission of tenders. Withdrawal of a tender during the interval between the deadline for submission of tenders and the expiration of the period of tender validity i.e. sixty (60) days as specified by the tenderer in the form of tender may result in the forfeiture of the tender security.

19 The tenderer shall submit the original tender documents complete in all respect and keep a copy of the tender for his own record. The original should be sealed in an inner and an outer envelope, duly marking the envelopes as "ORIGINAL". The inner and outer envelopes shall (a) be addressed to (Executive Engineer), (b) and bear the following identifications: Tender for (Name of Contract), (Reference Number of Tender), and the words "DO NOT OPEN BEFORE (Time and Date, set for opening)". The inner envelopes shall indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared to have been received late is otherwise unacceptable. If the outer envelope is not sealed and marked as instructed above, the Engineer-in-charge will assume no responsibility for the misplacement or premature opening of the tender submitted. A tender opened prematurely because of improper identification will be rejected.

20 The tenderer shall indicate in the space provided in the tender his full and proper address at which notices may be legally served on him and at which all correspondence in connection with his tender and the contract is to be sent.

21 The presentation of tender implies full acceptance on the part of the tender of these instructions and all other conditions set forth in the contract document.

22 Any tender received by the Executive Engineer (Engineer-in-charge) after the deadline for submission of tenders prescribed in the Notice Inviting Tenders will be returned unopened to the tenderer.

23 The Engineer-in-charge or his duly authorized officer (not below the rank of Assistant Engineer/Sub Divisional Officers) will open tenders in the presence of intending tenderers or their authorized agents, who may be present at the time. The officer opening the tender will announce the names of the tenderer, tender rates and the presence of requisite tender security.

24 Promptly after the opening of Tenders, the Engineer-in-charge will undertake a

## Contractor

detailed evaluation of tenders. The Engineer-in-charge will determine whether each tender is substantially responsive to the requirements of the tender documents and conforms to all the terms, conditions and specifications of the tender documents without material deviation or reservation. If a tender is not substantially responsive to the requirements of the tender documents, it will be rejected by the Engineer-in-charge, and may not subsequently be made responsive by the tenderer having corrected or withdrawn the nonconfirming deviation or reservation.

Except for information to be read out by the Engineer-in-charge at the time of opening tenders in accordance with para 23 above, no information relating to the examination, clarification, evaluation and comparison of tenders and recommendations concerning the award of contract shall be disclosed to tenderers or other persons not officially concerned with such process. Any effort by a tenderer to influence the process of examination, clarification, evaluation and comparison of tenders, an in decisions concerning award of contract, may result in the rejection of his tender.

To assist in the examination, evaluation and comparison of tenders, the Engineerin- charge may ask tenderers individually for clarification of their tenders, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the tender shall be sought, offered or permitted except as required to confirm the correction of arithmetical errors discovered by the Engineer-in-charge during the evaluation of the tender.

26 (A) In case the total tendered amount is equal to or less than 5% of the approved estimated (DNIT) amount, the lowest bidder will have to deposit quality assurance security from the Scheduled Bank equal to the amount of difference between approved DNIT amount and the quoted bid amount as given below, within 15 days of issuance of notice or with in expiry period of bid, whichever is earlier:

TOTAL TENDERED AMOUNT BELOW CORRESPONDING	QUALITY ASSURANCE SECURITY
ESTIMATED COST.	
5%	5%
6%	6%
7%	7%
8%	8%
9%	9%
10% and so on	10% and so on

(B) Lowest evaluated bidder shall, within 15 days of receipt by him of a notice in this regard, furnish to the tender approving authority in cash, bank draft, cashier's cheque, payment order or bank guarantee (valid for three months beyond completion time/extended completion time) from any scheduled Bank of Pakistan, the amount to make up performance guarantee and / or quality assurance security (wherever required) and specified in the tender in item (h) of Memorandum of work. Should the lowest evaluated bidder refuse or fail for any reason to furnish the performance guarantee and / or quality assurance security (wherever is should constitute a just cause for rejection of his tender and in the event of such rejection the entire earnest money shall be forfeited to government as compensation for such default.

27 The Engineer-in-charge shall have the right of rejecting all or any of the tenders without assigning any reason thereof. The Engineer-in-charge will not be bound to award the contract to the lowest or to any other tenderer.

28 The unit rates and prices entered in the bid schedule will be the rates at which the contractor will be paid (Subject to the adjustment specified in Clause 55 of the annexed conditions) and shall be deemed to include all costs of performing the work, including income tax, super tax, and/or other charges, duties and taxes of the Government, autonomous, semi- autonomous and local bodies, profits and costs of accepting the general risk, liabilities and obligations set forth in or implied from the contract.

29 Prior to the expiration of the period of tender validity (60 days) prescribed in the tender form or any extension thereof that may have been granted by the tenderer, the Engineer-in- charge will notify the successful tenderer by cable and confirm in writing by registered letter that his tender has been accepted. This letter of acceptance shall name the sum which will be paid in consideration of the execution, completion and maintenance of the works as prescribed in the contract, (hereinafter called the contract price). The notification of award will constitute the formation of the contract.

30 At the time, the Engineer-in-charge informs the lowest bidder in writing, bidder will provide performance guarantee / quality assurance security (wherever required) within fifteen (15) days from receipt of letter, failing which his bid will be rejected and bid security will be forfeited..

31 After the successful tenderer has signed the contract and furnished adequate performance guarantee and / or quality assurance security (wherever required) the Engineer-in-charge will notify to the unsuccessful tenderers that they were unsuccessful.

### Contractor

32 The completion period will be reckoned from the date of delivering the award or the handing over of the site to the contractor, whichever is later.

A copy of the contract agreement may be obtained by the contractor at his own cost.

# **TENDER FOR WORK**

То

The Executive Engineer, Engineering Construction Department, (Maintenance) University of Agriculture, Faisalabad

Dear Sir,

I/We.....

••••

	(Name of the contractor)
The undersigned tenderer, having examine	ned the conditions of contract, specification,
drawing bid schedule and addenda	Nos thereto, for the
work	of

(Name of the work)

Or such other sums as may be ascertained in accordance with the said conditions of contract and the rates, and the prices set forth in the bid schedule.

## Contractor

- 2. As security for the due performance of the undertaking and obligations of this tender, submit herewith at call receipt No..... I/We a deposit dated...... In the amount of Rs. ..... (Rupees) From the .....Branch of ......Bank drawn in your favor or may payable to you as earnest money, the full value of which will be absolutely forfeited to Government, without prejudice to any other rights or remedies of the said Government, should I/We withdraw or modify' the tender within its validity period of sixty (60) days, following the date of receipt of tender.
- 3 .I/We understand that if my/our tender is accepted, the foil value of the earnest money as attached with the tender shall be detained by *University* towards the amount of security deposit specified in clause 48 of the said conditions of contract and item (d) of the Memorandum of work.
- 4. Should this tender be accepted by you, I/We hereby undertake:-
  - (a) To sign ail the necessary documents for entering into a contract agreement in the form set out In the contract document within fifteen (15) days following your notification of such acceptance.
  - (b) To commence the work within the stipulated time named in item (f) of memorandum hereto annexed following the date of issuance of your order to proceed with or the handing over of the site, whichever is later and in the event of my/our failure to do so, the entire amount of earnest money deposited by me/us for which deposit at a call receipt is enclosed herewith, is to be absolutely forfeited to the University.. On the commencement of work, I/We hereby also agree to abide by and fulfill all the terms or provisions of the said conditions of the contract annexed hereto so far as applicable and in default thereof, to forfeit and pay to the University the sums of money mentioned in the said conditions.
  - (c) To complete and deliver the whole work comprised in the contract within the time stipulated in item No. (g) of the Memorandum hereto annexed, subject to such extension in the time limit as may be granted under the conditions of contract.
  - (d) the furnishing of performance security under item (h) of the memorandum annexed hereto, in the sum equal to 10 (ten) percent of the cost of the work in same form sum equal to 10 (ten) percent of the cost of the work in the same form and on the same condition as are prescribed by and to the satisfaction of the Engineer-in-charge.
- 5. I/We also agree that when materials and/or equipment for the work are provided by the t, the rates to be paid for them shall be as provided in Appendices annexed hereto.
- 6. I/We agree to abide by this tender for the period of sixty (60) days following the date set for receiving of tenders and it shall remain binding upon me/us and may be accepted by you at any time before the expiration of that period.
- 7. Unless and until a formal agreement is prepared and executed, this tender, together with your written acceptance thereof, shall constitute a binding contract between us,

### Contractor

and shall be deemed for all purposes to be the contract agreement.

8. I/We understand that you are not bound to accept the lowest or any tender you may receive, and that you will not defray any expenses incurred by me/us in tendering.

Thanking you,

Yours faithfully,

(Signature of

Tenderer)

NAME...... \* Address

Dated this ......Day of ..... 2024

I hereby accept the above tender on behalf of the Tender Committee UAF / Government.

(Signature of Executive

### **Engineer**)

\*

In case the above address is changed, the contractor will immediately notify in writing to the *Executive* 

Engineer, his new address.

## **MEMORANDUM OF WORK**

a)	General Description:	<ul> <li>i. Up-gradation and Rehabilitation of House No. 08 Paroka Dairy Farm Residences, UAF.</li> <li>ii. Up-gradation and Rehabilitation of House No. 06 Paroka Dairy Farm Residences, UAF.</li> <li>iii. Up-gradation and Rehabilitation of House No. 10 Paroka Dairy Farm Residences, UAF.</li> <li>iv. Up-gradation and Rehabilitation of House</li> </ul>
		No. 02 Paroka Dairy Farm Residences, UAF.
	Estimated Cost:	i. PKR: 398,763/- ii. PKR: 398,753/- iii. PKR: 398,763/- iv. PKR: 398,941/-

Contractor

i.	Amount of earnest money to accompany the tender (to be furnished by the tenderer in the shape of "deposit at call" from a scheduled Bank of Pakistan)	ii. PKR: 7,975/- iii. PKR: 7,975/- iv. PKR: 7,975/- v. PKR: 7,979/-
vi.	Percentage of security deposit to be retained from the bills.	
	<ul><li>i) On the amount of work done up to Rs.5.0 million</li><li>ii) On the amount of</li></ul>	Ten (10) percent
	work done beyond Rs.5.0 million.	Five (5) percent
vii.	Minimum amount of interim running bills	Rupees five million (Rs only
viii.	Mobilization period	Fifteen <mark>(-)</mark> calendar days
ix.	Time allowed for completing the work after the expiry of mobilization period	NA
x.	Amount of performance security in the form of Bank Guarantee (see contract conditions clause 7 and General direction 26 (a)	Five (05) percent of the accepted tender price in the case of tenders with cost of exceeding Rs.50.00 million and as per general condition 26(a) for all tenders.
xi.	Period of maintenance (after the date of issuance of certificate of completion)	Twelve (06) calendar months.

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# **BID SCHEDULE**

## 1. Schedule of item (MRS & Input Rates)

Sr. No.	Items in schedule of rates		Description Estimated	Estimated	Unit of	Schedule of rates		Amount
SI. NO.	Page No.	Serial No.	Description	quantity	Rates	Labour	Composite	(Rs
1	2	3	4	5	6	7	8	9

Mandatory to Write in Words: (Urdu/English)

Total cost of MRS & Input - item rates Rs.

Contractor

Page 15 of 32

# **BID SCHEDULE**

1. Schedule of item (Non Schedule (NS) Items)       Name of work								
Sr. No	Pay item No. of reference to special specification supplied		Estimated quantity	Unit of Rates	contractors where not		Amount (To be filled in by the contractor when not already filled is by the project director for item against which the unit rate have already been filled in by him	
					In figure	In Words	aneady been fined in by finit	
1	2	3	4	5	6	7	8	

Mandatory to Write in Words: (Urdu/English)

Total cost of NS- item rates Rs.

Contractor

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# **BID SCHEDULE**

Name of Work	
Total tendered amount of the work: (To be filled in by the tenderer)	(To be filled in by the tenderer)
1. Total Cost. (MRS & In-Put Rates)	<b>Rs.</b>
2. Total Cost of NS Item Rates	Rs
	Grand Total (1 +2) Rs
	Rupees _ (In words)
Mandatory to Write in Words: (Urdu/English)	

Contractor

Nar	ne of Work: Up-gradation and Rehabilitation of	of House No. 0	8 Paroka I	Dairy Farm Resid	lences, UAF.
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled b Rate Quoted	by the Bidder
1	Dismantling cement concrete 1:2:4 plain	3.36	%cft		Amount (FRA
2	Dismantling cement concrete 1:4:8 plain	9.24	%cft		
3	Removing cement or lime plaster	351.00	%sft		
4	Removing door with chowkhat	4.00	each		
5	Dismantling brick work in lime or cement mortar.	54.52	%cft		
6	Dismantling 2nd class tile roofing	36.00	%sft		
7	Dismantling cement concrete reinforced separating reinforcement from concrete, cleaning and straightening the same.	2.63	%cft		
8	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:-i)0 ft. to 7.0 ft. (0 to 2.10 m) depth(15,934.55-31.5% reduce=15,934.55-5019.38=10915.17	28.00	%0cft		
9	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8	16.50	%cft		
10	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6	33.05	%cft		
11	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4	7.88	%cft		
12	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	8.00	%cft		
13	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	20.35	%kg		
14	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	10.91	p.cft		
15	Earth filling over roof including watering, ramming with 1" (25 mm) mud plaster finished, with gobri leeping: a) 3" (75 mm) thick earth filling and 1" (25 mm) mud plaster+polytheen sheet 500 guage	360.00	%sft		
16	2nd class tile roofing, consisting of 4" (100 mm) eart and 1" (25 mm) mud plaster with Gobri leeping over ½" 13mm ) thick cement plaster 1:6	36.00	%sft		

			-	
	with 34 lbs. per %Sft or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over single layers of tiles 12"x6"x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand wiched layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc. i/c poly theen sheet			
17	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded	396.00	%sft	
18	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	36.00	%sft	
19	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm	5.00	each	
20	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2	245.00	%sft	
21	Applying floating coat of cement 1/32" (0.8 mm) thick.	376.00	%sft	
22	cement plaster 1:4 ratio upto 20 ft height ½" thickness	450.50	%sft	
23	cement plaster 1:4 ratio upto 20 ft height ¾" thickness	32.00	%sft	
24	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3	30.00	%sft	
25	Providing and fixing, expended metal ½" to ¾" (13 mm to 20 mm) mesh 16 gauge fixed to chowkat with 1" (25 mm) thick deodar wood strip and screws, etc.(item no.1=4x0.08= 0.32x1,790.25 =572.88 Rs.=792.55-572.88= 219.67(apply metal lath under the plaster surface )	15.49	sft	
26	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets	9.00	sft	
27	Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.	1976.38	%sft	
28	Distempering 2 coats on new surface	1976.38	%sft	
29	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge (labour only)	97.75	sft	
30	P/F 1½" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood instyle and rail sunder proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	47.25	p.sft	

31	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hard ware complete in all respect as approved and directed by the Engineer Incharge b)Brass (ii) 12" (450 mm) long	2.00	each	
32	Fixing door, including chowkats	2.00	each	
33	Prepared and painting saches fanlight wire guazed or glazed door and window 3 coats on new surfce	664.00	%sft	
34	Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work 2 coats on new surface	330.75	%sft	
.35	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex/ Popular/ Beta or equivalent, plain/ Bell Ended/ Z-Joints conforming to BS 4514/ BS 5255 EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings & specification sand/ or as approved and directed by the Engineer Incharge Type b) (SDR 32.5/SN-8) (v)4"(110 mm)	28.00	rft	
36	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	18.67	%0cft	
37	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), doubleply polyethelene of approved manufacturer i/c cost of making connection for inlet/ outlet pipe, float valve i/call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	150.00	per gallon	
.38	Providing, laying, testingand commissioning of POLYROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent,specials,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned b)PN-20 pipe (iii)(1") 32 mm	67.00	p.rft	
39	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.iii) 1" dia	1.00	each	
40	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	2.00	each	
41	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	4.00	each	
42	P/Fixing of C.P Nipple 1"x½"	4.00	each	
43	Providing and fixing brass ball float valve:- i) 1.5 cm (½") dia	1.00	each	
44	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized poly vinyl Chloride) Nikasi/ waste pipe Fittings make of dadex/Popular/Beta/BBJ conforming to code EN-	3.00	each	

<b></b>		Γ	Γ	1			
	140 Including the cost of Solvents complete in all						
	respect as approved and directed by the						
	EngineerIn charge(a) P-Trap(i) 4" dia Providing and fitting glazed earthen ware water						
45	closet,squatter type (Orisa pattern), combined	1.00	each				
40	with foot rest i) white	1.00	each				
	Providing and Fixing ofFloor Trap Jali, complete in						
46	all respect as approved and directed by Engineer	2.00	each				
	Incharge. i) 4" dia						
47	Providing and fixing of Bib cock ½"dia	3.00	each				
	Providing and fixing underground stop cock 13						
48	mm (½"), with chromium plated cover.	1.00	each				
10	Providing and fixing chromium plated shower rose	1.00					
49	i) 1.5x10 cm (½"x4")	1.00	each				
50	Providing and fitting, glazed earthen ware soap	1.00	each				
50	dish i) white	1.00	each				
	Cutting hole 4"x6" (100x150 mm) in stone						
51	masonry or brick wall with chisel, repairing	6.00	p.hole				
	masonry and removing debris within one chain						
	lead.						
	Providing and Fixing Single Phase Single Impellor Faisal Made Pump With M.s Cover and						
52	Foundation, 4" dia Bore including Allied Material	1.00	Job				
52	Assembly Set as per Required Depth Complete in	2.00	300				
	All respects as approved by the Engineer						
53	Removing Malks up to 10 KM	101.78	0/ oft				
23	Removing Malba up to 10 KM	101.78	%cft				
				Tatal			
				Total			
			PS	T@%			
G. TOTAL:							
Man	Mandatory to Write in Words: (Urdu/English)4950						

Nar	ne of Work: Up-gradation and Rehabilitation of	of House No. 0	6 Paroka I	Dairy Farm Resid	lences, UAF.
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled b Rate Quoted	by the Bidder Amount (PKR
1	Dismantling cement concrete 1:2:4 plain	3.36	%cft		
2	Dismantling cement concrete 1:4:8 plain	9.24	%cft		
3	Removing cement or lime plaster	351.00	%sft		
4	Removing door with chowkhat	4.00	each		
5	Dismantling brick work in lime or cement mortar.	54.52	%cft		
6	Dismantling 2nd class tile roofing	36.00	%sft		
7	Dismantling cement concrete reinforced separating reinforcement from concrete, cleaning and straightening the same.	2.63	%cft		
8	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:-i)0 ft. to 7.0 ft. (0 to 2.10 m) depth(15,934.55-31.5% reduce=15,934.55-5019.38=10915.17	28.00	%0cft		
9	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8	16.50	%cft		
10	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6	33.05	%cft		
11	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4	7.88	%cft		
12	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	8.00	%cft		
13	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	20.35	%kg		
14	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	10.91	p.cft		
15	Earth filling over roof including watering, ramming with 1" (25 mm) mud plaster finished, with gobri leeping: a) 3" (75 mm) thick earth filling and 1" (25 mm) mud plaster+polytheen sheet 500 guage	360.00	%sft		
16	2nd class tile roofing, consisting of 4" (100 mm) eart and 1" (25 mm) mud plaster with Gobri leeping over ½" 13mm ) thick cement plaster 1:6	36.00	%sft		

	with 34 lbs. per %Sft or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over single layers of tiles 12"x6"x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand wiched layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc. i/c poly theen sheet			
17	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded	396.00	%sft	
18	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	36.00	%sft	
19	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm	5.00	each	
20	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2	245.00	%sft	
21	Applying floating coat of cement 1/32" (0.8 mm) thick.	376.00	%sft	
22	cement plaster 1:4 ratio upto 20 ft height ½" thickness	450.50	%sft	
23	cement plaster 1:4 ratio upto 20 ft height ¾" thickness	32.00	%sft	
24	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3	30.00	%sft	
25	Providing and fixing, expended metal ½" to ¾" (13 mm to 20 mm) mesh 16 gauge fixed to chowkat with 1" (25 mm) thick deodar wood strip and screws, etc.(item no.1=4x0.08= 0.32x1,790.25 =572.88 Rs.=792.55-572.88= 219.67(apply metal lath under the plaster surface )	15.49	sft	
26	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets	9.00	sft	
27	Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.	1976.38	%sft	
28	Distempering 2 coats on new surface	1976.38	%sft	
29	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge (labour only)	97.75	sft	
30	P/F 1½" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood instyle and rail sunder proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	47.25	p.sft	

31	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hard ware complete in all respect as approved and directed by the Engineer Incharge b)Brass (ii) 12" (450 mm) long	2.00	each	
32	Fixing door, including chowkats	2.00	each	
33	Prepared and painting saches fanlight wire guazed or glazed door and window 3 coats on new surfce	664.00	%sft	
34	Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work 2 coats on new surface	330.75	%sft	
.35	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex/ Popular/ Beta or equivalent, plain/ Bell Ended/ Z-Joints conforming to BS 4514/ BS 5255 EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings & specification sand/ or as approved and directed by the Engineer Incharge Type b) (SDR 32.5/SN-8) (v)4"(110 mm)	28.00	rft	
36	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	18.67	%0cft	
37	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), doubleply polyethelene of approved manufacturer i/c cost of making connection for inlet/ outlet pipe, float valve i/call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	150.00	per gallon	
.38	Providing, laying, testingand commissioning of POLYROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent,specials,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned b)PN-20 pipe (iii)(1") 32 mm	67.00	p.rft	
39	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.iii) 1" dia	1.00	each	
40	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	2.00	each	
41	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	4.00	each	
42	P/Fixing of C.P Nipple 1"x½"	4.00	each	
43	Providing and fixing brass ball float valve:- i) 1.5 cm ( $\frac{1}{2}$ ") dia	1.00	each	
44	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized poly vinyl Chloride) Nikasi/ waste pipe Fittings make of dadex/Popular/Beta/BBJ conforming to code EN-	3.00	each	

	140 1ncluding the cost of Solvents complete in all respect as approved and directed by the						
	EngineerIn charge(a) P-Trap(i) 4" dia						
45	Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest i) white	1.00	each				
46	Providing and Fixing ofFloor Trap Jali, complete in all respect as approved and directed by Engineer Incharge. i) 4" dia	2.00	each				
47	Providing and fixing of Bib cock ½"dia	3.00	each				
48	Providing and fixing underground stop cock 13 mm ( $\frac{1}{2}$ "), with chromium plated cover.	1.00	each				
49	Providing and fixing chromium plated shower rose i) 1.5x10 cm (½"x4")	1.00	each				
50	Providing and fitting, glazed earthen ware soap dish i) white	1.00	each				
51	Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.	6.00	p.hole				
52	Providing and Fixing Single Phase Single Impellor Faisal Made Pump With M.s Cover and Foundation, 4" dia Bore including Allied Material Assembly Set as per Required Depth Complete in All respects as approved by the Engineer	1.00	Job				
53	Removing Malba up to 10 KM	101.78	%cft				
				Total			
	PST@%						
	G. TOTAL:						
<u>Man</u>	Mandatory to Write in Words: (Urdu/English)4950						

	AILED NOTICE INVITING TENDER (DNIT) Ten         ne of Work:       Up-gradation and Rehabilitation of				lences, UAF.
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled b Rate Quoted	oy the Bidder Amount (PKR)
1	Dismantling cement concrete 1:2:4 plain	3.36	%cft		
2	Dismantling cement concrete 1:4:8 plain	9.24	%cft		
3	Removing cement or lime plaster	351.00	%sft		
4	Removing door with chowkhat	4.00	each		
5	Dismantling brick work in lime or cement mortar.	54.52	%cft		
6	Dismantling 2nd class tile roofing	36.00	%sft		
7	Dismantling cement concrete reinforced separating reinforcement from concrete, cleaning and straightening the same.	2.63	%cft		
8	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:-i)0 ft. to 7.0 ft. (0 to 2.10 m) depth(15,934.55-31.5% reduce=15,934.55-5019.38=10915.17	28.00	%0cft		
9	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8	16.50	%cft		
10	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6	33.05	%cft		
11	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4	7.88	%cft		
12	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	8.00	%cft		
13	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	20.35	%kg		
14	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	10.91	p.cft		
15	Earth filling over roof including watering, ramming with 1" (25 mm) mud plaster finished, with gobri leeping: a) 3" (75 mm) thick earth filling and 1" (25 mm) mud plaster+polytheen sheet 500 guage	360.00	%sft		
16	2nd class tile roofing, consisting of 4" (100 mm) eart and 1" (25 mm) mud plaster with Gobri leeping over ½" 13mm ) thick cement plaster 1:6	36.00	%sft		

	with 34 lbs. per %Sft or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over single layers of tiles 12"x6"x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand wiched layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc. i/c poly theen sheet			
17	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded	396.00	%sft	
18	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	36.00	%sft	
19	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm	5.00	each	
20	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2	245.00	%sft	
21	Applying floating coat of cement 1/32" (0.8 mm) thick.	376.00	%sft	
22	cement plaster 1:4 ratio upto 20 ft height ½" thickness	450.50	%sft	
23	cement plaster 1:4 ratio upto 20 ft height ¾" thickness	32.00	%sft	
24	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3	30.00	%sft	
25	Providing and fixing, expended metal ½" to ¾" (13 mm to 20 mm) mesh 16 gauge fixed to chowkat with 1" (25 mm) thick deodar wood strip and screws, etc.(item no.1=4x0.08= 0.32x1,790.25 =572.88 Rs.=792.55-572.88= 219.67(apply metal lath under the plaster surface )	15.49	sft	
26	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets	9.00	sft	
27	Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.	1976.38	%sft	
28	Distempering 2 coats on new surface	1976.38	%sft	
29	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge (labour only)	97.75	sft	
30	P/F 1½" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood instyle and rail sunder proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	47.25	p.sft	

			_	
31	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hard ware complete in all respect as approved and directed by the Engineer Incharge b)Brass (ii) 12" (450 mm) long	2.00	each	
32	Fixing door, including chowkats	2.00	each	
33	Prepared and painting saches fanlight wire guazed or glazed door and window 3 coats on new surfce	664.00	%sft	
34	Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work 2 coats on new surface	330.75	%sft	
.35	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex/ Popular/ Beta or equivalent, plain/ Bell Ended/ Z-Joints conforming to BS 4514/ BS 5255 EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings & specification sand/ or as approved and directed by the Engineer Incharge Type b) (SDR 32.5/SN-8) (v)4"(110 mm)	28.00	rft	
36	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	18.67	%0cft	
37	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), doubleply polyethelene of approved manufacturer i/c cost of making connection for inlet/ outlet pipe, float valve i/call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	150.00	per gallon	
.38	Providing, laying, testingand commissioning of POLYROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent,specials,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned b)PN-20 pipe (iii)(1") 32 mm	67.00	p.rft	
39	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.iii) 1" dia	1.00	each	
40	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	2.00	each	
41	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	4.00	each	
42	P/Fixing of C.P Nipple 1"x½"	4.00	each	
43	Providing and fixing brass ball float valve:- i) 1.5 cm (½") dia	1.00	each	
44	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized poly vinyl Chloride) Nikasi/ waste pipe Fittings make of dadex/Popular/Beta/BBJ conforming to code EN-	3.00	each	

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	140 1ncluding the cost of Solvents complete in all						
	respect as approved and directed by the						
	EngineerIn charge(a) P-Trap(i) 4" dia						
	Providing and fitting glazed earthen ware water						
45	closet,squatter type (Orisa pattern), combined	1.00	each				
	with foot rest i) white						
	Providing and Fixing ofFloor Trap Jali, complete in						
46	all respect as approved and directed by Engineer	2.00	each				
	Incharge. i) 4" dia						
47	Draviding and fiving of Dib cook 1/"dia	2.00	aaah				
47	Providing and fixing of Bib cock ½"dia	3.00	each				
10	Providing and fixing underground stop cock 13	4.00					
48	mm (½"), with chromium plated cover.	1.00	each				
	Providing and fixing chromium plated shower rose						
49	i) 1.5x10 cm (½"x4")	1.00	each				
<u> </u>	Providing and fitting, glazed earthen ware soap						
50	dish i) white	1.00	each				
	Cutting hole 4"x6" (100x150 mm) in stone						
	masonry or brick wall with chisel, repairing						
51	masonry and removing debris within one chain	6.00	p.hole				
	lead.						
	Providing and Fixing Single Phase Single Impellor						
	Faisal Made Pump With M.s Cover and						
52	Foundation, 4" dia Bore including Allied Material	1.00	Job				
52	Assembly Set as per Required Depth Complete in	1.00	505				
	All respects as approved by the Engineer						
53	Removing Malba up to 10 KM	101.78	%cft				
				Total			
			PS	T@%			
	G. TOTAL:						
<u>Man</u>	Mandatory to Write in Words: (Urdu/English)4950						

DET	AILED NOTICE INVITING TENDER (DNIT) Ter				
Nar	ne of Work: Up-gradation and Rehabilitation of	of House No. 0	2 Paroka l	Dairy Farm Resid	lences, UAF.
Sr. No	Item Details/ Description of works	Qty	Unit		by the Bidder
1	Dismantling cement concrete 1:2:4 plain	3.36	%cft	Rate Quoted	Amount (PKR
2	Dismantling cement concrete 1:4:8 plain	9.24	%cft		
3	Removing cement or lime plaster	351.00	%sft		
4	Removing door with chowkhat	4.00	each		
5	Dismantling brick work in lime or cement mortar.	54.52	%cft		
6	Dismantling 2nd class tile roofing	36.00	%sft		
7	Dismantling cement concrete reinforced separating reinforcement from concrete, cleaning and straightening the same.	2.63	%cft		
8	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:-i)0 ft. to 7.0 ft. (0 to 2.10 m) depth(15,934.55-31.5% reduce=15,934.55-5019.38=10915.17	28.00	%0cft		
9	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8	16.50	%cft		
10	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6	33.05	%cft		
11	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4	7.88	%cft		
12	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	8.00	%cft		
13	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	20.35	%kg		
14	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	10.91	p.cft		
15	Earth filling over roof including watering, ramming with 1" (25 mm) mud plaster finished, with gobri leeping: a) 3" (75 mm) thick earth filling and 1" (25 mm) mud plaster+polytheen sheet 500 guage	360.00	%sft		

16	2nd class tile roofing, consisting of 4" (100 mm) eart and 1" (25 mm) mud plaster with Gobri leeping over ½" 13mm ) thick cement plaster 1:6 with 34 lbs. per %Sft or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over single layers of tiles 12"x6"x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand wiched layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc. i/c poly theen sheet	36.00	%sft	
17	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded	396.00	%sft	
18	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	36.00	%sft	
19	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm	5.00	each	
20	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2	245.00	%sft	
21	Applying floating coat of cement 1/32" (0.8 mm) thick.	376.00	%sft	
22	cement plaster 1:4 ratio upto 20 ft height ½" thickness	450.50	%sft	
23	cement plaster 1:4 ratio upto 20 ft height ¾" thickness	32.00	%sft	
24	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3	30.00	%sft	
25	Providing and fixing, expended metal ½" to ¾" (13 mm to 20 mm) mesh 16 gauge fixed to chowkat with 1" (25 mm) thick deodar wood strip and screws, etc.(item no.1=4x0.08= 0.32x1,790.25 =572.88 Rs.=792.55-572.88= 219.67(apply metal lath under the plaster surface )	15.49	sft	
26	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets	9.00	sft	
27	Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.	1976.38	%sft	
28	Distempering 2 coats on new surface	1976.38	%sft	
29	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge (labour only)	97.75	sft	
30	P/F 1½" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood instyle and rail sunder proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8"	47.25	p.sft	

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	thick matching wooden lipping as approved and directed by the Engineer Incharge			
31	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hard ware complete in all respect as approved and directed by the Engineer Incharge b)Brass (ii) 12" (450 mm) long	2.00	each	
32	Fixing door, including chowkats	2.00	each	
33	Prepared and painting saches fanlight wire guazed or glazed door and window 3 coats on new surfce	664.00	%sft	
34	Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work 2 coats on new surface	330.75	%sft	
.35	Providing, fixing, testing and commissioning of µ- PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex/ Popular/ Beta or equivalent, plain/ Bell Ended/ Z-Joints conforming to BS 4514/ BS 5255 EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings & specification sand/ or as approved and directed by the Engineer Incharge Type b) (SDR 32.5/SN-8) (v)4"(110 mm)	28.00	rft	
36	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	18.67	%0cft	
37	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), doubleply polyethelene of approved manufacturer i/c cost of making connection for inlet/ outlet pipe, float valve i/call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	150.00	per gallon	
.38	Providing, laying, testingand commissioning of POLYROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent,specials,making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned b)PN-20 pipe (iii)(1") 32 mm	67.00	p.rft	
39	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.iii) 1" dia	1.00	each	
40	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	2.00	each	
41	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	4.00	each	
42	P/Fixing of C.P Nipple 1"x½"	4.00	each	
43	Providing and fixing brass ball float valve:- i) 1.5 cm ( $\prime$ 2") dia	1.00	each	
44	Providing, fixing, testing and commissioning of μ- PVC (Unplasticized poly vinyl Chloride) Nikasi/	3.00	each	

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	waste pipe Fittings make of dadex/Popular/Beta/BBJ conforming to code EN- 140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia				
45	Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest i) white	1.00	each		
46	Providing and Fixing ofFloor Trap Jali, complete in all respect as approved and directed by Engineer Incharge. i) 4" dia	2.00	each		
47	Providing and fixing of Bib cock ½"dia	3.00	each		
48	Providing and fixing underground stop cock 13 mm (½"), with chromium plated cover.	1.00	each		
49	Providing and fixing chromium plated shower rose i) 1.5x10 cm (½"x4")	1.00	each		
50	Providing and fitting, glazed earthen ware soap dish i) white	1.00	each		
51	Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.	6.00	p.hole		
52	Providing and Fixing Single Phase Single Impellor Faisal Made Pump With M.s Cover and Foundation, 4" dia Bore including Allied Material Assembly Set as per Required Depth Complete in All respects as approved by the Engineer	1.00	dol		
53	Removing Malba up to 10 KM	101.78	%cft		
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