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)
Compulsory Required Documents to Participate in Bidding for F.Y 2023-24 are:-		
1	**Written Application* on Firm's Letter Head Pad for the Work you are going to participate under this bidding document.**	
2	**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**)** **A.** Valid License Copy is mandatory from the PEC Registered contractors for the said PEC- Class	
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)*~~	

* ***Attach Firm Covering Letter/Memo for the Downloaded Tendering Documents wherein, the name of the work (Including Sr. No. in case of multiple works under 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 **Executive Engineer**
ECD-M; UAF

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)

1	**Name of work:**	**i. Construction of PKNC outlet at Main Campus UAF.** **ii. Construction of building for seed storage, office's, vehicle shed and boundary wall at Rajawala Farm, UAF.** **iii. Construction of building for seed storage, office's, vehicle shed and boundary wall at Hafizabad Farm, UAF.**	
2	**Estimated cost :**	**i. PKR: 13,000,000/-** **ii. PKR: 27,500,000/-** **iii. PKR: 27,500,000/-**	
3	**Time for completion:**	i. Four Months ii. Four Months iii. Four Months	**Note: - Time Extension** (if any) should not be more than original completion time mentioned in the work order. In case of any contradiction, this provision will prevail. However, this can be right off with the prior approval of the Competent Authority, UAF any time during the execution of the work under specific circumstances.
4	**Amount of Bid Security:**	**i. PKR: 260,000/-** **ii. PKR: 550,000/-** **iii. PKR: 550,000/-**	
5	**Issued to:**		
6	**Pre-tender conference:**	N.A.	
7	**Dead Line for submission of Tender:**	----------11-06-2024----------	
8	**Opening of Tender :**	----------11-06-2024----------	
9	**Issued by:**	**Office Of Executive Engineer**, University of Agriculture, Faisalabad.	

Date: ---------- Signature: ----------

(**OFFICE STAMP)**

Note:

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.

Contractor **Executive Engineer**
ECD-M; UAF

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 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.

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. Non-compliance 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 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 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 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 non-confirming deviation or reservation.

25 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.

26 To assist in the examination, evaluation and comparison of tenders, the Engineer-in- 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 ESTIMATED COST.	QUALITY ASSURANCE SECURITY
5%	5%
6%	6%
7%	7%
8%	8%
9%	9%
10% and so on….	10% and so on….

26 (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 required) within the specified time, it 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.

Contractor **Executive Engineer**
ECD-M; UAF

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.

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.

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

TENDER FOR WORK

To

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

Dear Sir,

I/We.....
....

(Name of the contractor)

The undersigned tenderer, having examined the conditions of contract, specification, drawing bid schedule and addenda Nos……..... thereto, for the work of
……

……

……

(Name of the work)

and the works associated therewith, and having examined the site of the above named works, or having caused the site to be visited OR our behalf by my/our competent and reliable agent, and having satisfied myself/ourselves as to all conditions under which the above named work must be performed, hereby offer to execute, complete and maintain the whole of the above mentioned work including its ancillary works associated therewith, in accordance with the said contract documents, including the addenda indicated above, at tender price of Rs. ..... (Rupees).....

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.

2. As security for the due performance of the undertaking and obligations of this tender, I/We submit herewith a deposit at call receipt No..... 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, 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***

Contractor **Executive Engineer**
ECD-M; UAF

Engineer, his new address.

MEMORANDUM OF WORK

a)	General Description:	**i. Construction of PKNC outlet at Main Campus UAF.** **ii. Construction of building for seed storage, office's, vehicle shed and boundary wall at Rajawala Farm, UAF.** iii. **Construction of building for seed storage, office's, vehicle shed and boundary wall at Hafizabad Farm, UAF.**
	Estimated Cost:	**i. PKR: 13,000,000/-** **ii. PKR: 27,500,000/-** **iii. PKR: 27,500,000/-**
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)	**i. PKR: 260,000/-** **ii. PKR: 550,000/-** **iii. PKR: 550,000/-**
ii.	**Percentage of security deposit to be retained from the bills.**	
	i) On the amount of work done up to Rs.5.0 million ii) On the amount of work done beyond Rs.5.0 million.	Ten (10) percent Five (5) percent
iii.	Minimum amount of interim running bills	Rupees five million (Rs.---------- only
iv.	Mobilization period	Fifteen (-) calendar days
v.	Time allowed for completing the work after the expiry of mobilization period	----------NA----------calendar months
vi.	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.
vii.	Period of maintenance (after the date of issuance of certificate of completion)	Twelve (06) calendar months.

Contractor **Executive Engineer**
ECD-M; UAF

BID SCHEDULE

1. Schedule of item (MRS & Input Rates) **Name of work: _____**

(To be filled in by the tenderer)

Sr. No.	Items in schedule of rates		Description	Estimated quantity	Unit of Rates	Schedule of rates		Amount (Rs….
	Page No.	Serial No.				Labour	Composite	
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

Executive Engineer
ECD-M; UAF

BID SCHEDULE

1. Schedule of item (Non-Schedule (NS) Items) **Name of work _____**

(To be filled in by the tenderer)

Sr. No	Pay item No. of reference to special specification supplied	Description of item	Estimated quantity	Unit of Rates	Unit rate To be filled in the contractors where not already filled by the Executive Engineer		Amount (To be filled in by the contractor when not already filled in by the project director for items against which the unit rate have already been filled in by him
					In figure	In Words	
1	2	3	4	5	6	7	8

Mandatory to Write in Words: (Urdu/English)

Total cost of NS- item rates Rs. _____

Contractor

Executive Engineer
ECD-M; UAF

BID SCHEDULE

Name of Work _____

(To be filled in by the tenderer)

Total tendered amount of the work:
(To be filled in by the tenderer)

1. **Total Cost. (MRS & In-Put Rates)** **Rs.** _____
2. **Total Cost of NS Item Rates** **Rs.** _____

Grand Total (1 +2) Rs. _____

Rupees _ **(In words)** _____

_____

Mandatory to Write in Words: (Urdu/English)

Contractor

Executive Engineer
ECD-M; UAF

DETAILED NOTICE INVITING TENDER (*DNIT) Tender No. 15/2024 Sr. No. 01*					
Name of Work:	**Construction of PKNC outlet at Main Campus UAF.**				
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
A. Civil work.					
1	**Dismantling cement concrete 1:2:4 plain**	**726.00**	**%cft**		
2	**Dismantling cement concrete 1:4:8 plain**	**1146.59**	**%cft**		
3	**Dismantling cement concrete with brick aggregate**	**17.50**	**%cft**		
4	**Removing door with chowkhat**	**1.00**	**each**		
5	**Dismantling brick work in lime or cement mortar.**	**2100.84**	**%cft**		
6	**Dismantling 2nd class tile roofing**	**28.00**	**%sft**		
7	**Dismantling from any height, asbestos sheets and ridge coping.**	**1461.00**	**%sft**		
8	**Dismantling iron work of trusses, sheds, water tanks, etc. excluding cutting of rivets**	**1126.50**	**%kg**		
9	**Cutting out Rivets, all sizes**	**121.00**	**% No.s**		
10	**Dismantling cement concrete reinforced separating reinforcement from concrete, cleaning and straightening the same.**	**242.00**	**%cft**		
11	**Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) By Manual ii) in ordinary soil**	**4089.23**	**%0cft**		
12	**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(16,740.90 - 4416.40 = 12324.50**	**766.75**	**%0cft**		
13	**Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects**	**60.00**	**%0cft**		
14	**Filling, watering and ramming earth under floors ii)with new earth excavated from outsidelead upto one chain (30 m).+ Transportation of earth all types when the total distance,including the lead covered in the item of work, is more than 1000 ft. (300 m) upto 16km**	**19285.55**	**%0cft**		

Contractor **Executive Engineer**
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15	**Providing, laying, watering and ramming brick or stone ballast 1½"to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.**	**1262.86**	**%cft**		
16	**Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(d) Ratio 1: 6: 12**	**741.66**	**%cft**		
17	**Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8**	**94.59**	**%cft**		
18	**Pacca brick work in foundation and plinth in 1:6 cement sand mortor**	**3450.23**	**%cft**		
19	**Pacca brick work other than building upto 10ft. (3 m) Ratio 1:4**	**102.00**	**%cft**		
20	**Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), b) with 2 coats of bitumen ii) 2" thick (50 mm)**	**381.75**	**%sft**		
21	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6**	**3172.41**	**%cft**		
22	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4**	**24.94**	**%cft**		
23	**Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4**	**51.41**	**%cft**		
24	**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-60**	**5912.01**	**%kg**		
25	**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**	**82.85**	**p.cft**		
26	**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 (2) Type B (nominal mix 1: 1½: 3)**	**1915.44**	**p.cft**		
27	**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.**	**2375.50**	**%sft**		
28	**Khuras on roof 2'x2'x6" (600 x 600 x 150 mm**	**14.00**	**each**		
29	**Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2+Extra cost of labour and material for red oxide pigment**	**2733.00**	**%sft**		

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30	**Applying floating coat of cement 1/32" (0.8 mm) thick.**	**98.00**	**%sft**		
31	**cement plaster 1:4 ratio upto 20 ft height ½" thickness**	**2990.25**	**%sft**		
32	**cement plaster 1:4 ratio upto 20 ft height ¾" thickness**	**3777.75**	**%sft**		
33	**Cement plaster 1:3 upto 20' (6.00 m) height b)½" (13 mm) thick**	**100.00**	**%sft**		
34	**Cement plaster 1:3 upto 20' (6.00 m) height c)¾" (20 mm) thick**	**98.00**	**%sft**		
.35	**Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3**	**2351.50**	**%sft**		
36	**Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.**	**7480.25**	**%sft**		
37	**Distempering 3 coats on new surface**	**8049.00**	**%sft**		
.38	**Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:2 coats on new surface**	**372.75**	**%sft**		
39	**Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8"(40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8"(20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3 mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted,complete in all respects,including all cost of material and labour,etc. as per approved design and as directed by the Engineer-in-charge:-b)fixed with wire gauze, 22 SWG v) glass pane 5 mm thick**	**56.00**	**p.sft**		
40	**Providing and fixing 24 SWG G.I. sheet rolling shutter consisting of steel frame of M.S. channel 2"x1¼"x1/8" (50x30x3 mm), angle iron 1½"x1½"x1/8" (40x40x3 mm), M.S. plate 1'x1'x1/8" (300x300x3 mm), G.I. pipe 1½" (37 mm) dia, springs 2' (600 mm) centre to centre, rollers, 24 SWG G.I. covering 1 ft. x 1 ft. (300x300 mm), handles, holdfast, and painting three coats, complete in all respects.**	**427.50**	**sft**		
41	**Providing and fixing M.S. angle iron 1½"x1½"x¼"(40x40x6 mm) edge protector nozing of steps of stairs having holdfast or 3/8" (10 mm) dia M.S. bars 8" (200 mm) long welded at 2' (600 mm) centre to centre and embedded in cement concrete on steps, complete in all respects.**	**171.00**	**rft**		
42	**Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of**	**116.00**	**sft**		

	specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8'' MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge (ii) 1/2" Squar Bars				
43	**Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge**	**60.00**	**sft**		
44	**Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer /powder coated of size 1-1/2" x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.**	**29.60**	**sft**		
45	**Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)**	**70.00**	**sft**		
46	**Providing and fixing 2" wide MS/ GI Chowkat singel/ double rebate made of 16SWG MS sheet pressed/ welded/ supported with M.S. flat1¼"x⅛" i/c 6" long M.S.Flat 1"x ⅛" hold fasts (6 Nos) welded/ screwed, punching of lock hole covered with MS Box, coating with anti rust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge.(ii) 10.50 " wide**	**56.00**	**p.sft**		
47	**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**	**122.32**	**p.sft**		
48	**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**		
49	**Prepared and painting saches fanlight wire guazed or glazed door and window 3 coats on old surfce**	**70.00**	**%sft**		
50	**Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8" (40 x 10 mm**	**1599.36**	**rft**		
51	**Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:-(c) 1½"(40 mm) thick**	**459.75**	**%sft**		

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52	**1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick floor of 1:2:4 cement concrete,including rubbing and polishing complete with finishing (a) using grey cement**	**2205.85**	**%sft**		
53	**Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement (ii) ½"(13 mm) thick**	**280.50**	**%sft**		
54	**Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design,Color and Shade with adhesive/ bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.a)Full body Glazed tiles (i) 400mmx 400 mm**	**88.00**	**p.sft**		
55	**Providing and laying superb quality Ceramic tile floors of Master brand of specified size ,Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond ,over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"**	**208.82**	**sft**		
56	**Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/ Matt/ Texture skirting/ dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer In charge i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"**	**348.00**	**sft**		
57	**Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete iii) 225 mm (9:) i/d**	**44.50**	**rft**		
58	**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)**	**288.00**	**rft**		

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59	**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-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge.c') Vent Cowel (i) 4" dia**	**6.00**	**each**		
60	**Providing and installing P.V.C. bends, of B.S.S.i) Class `B' working pressure b) 4" i/d (100 mm)**	**28.00**	**each**		
61	**Providing and installing P.V.C. tees, of B.S.S (i) Class `B' working pressure:-b) 4" i/d (100 mm)**	**6.00**	**each**		
62	**Constructing gully grating chamber, 12"x12", (300x300mm) complete in all respects: B)concrete Gully trap 6,457.20 -457.05= 6000.15**	**8.00**	**each**		
63	**Making Sewerage connection to Existing Manhole of main sewerage pipe line including cost of Plugging dewatering desiliting making hole in wall repairing and restoration etc complete in working condition**	**1.00**	**one job**		
64	**Remanding of earth work:a)Lead upto a single throw of Kassi, phaorah or shovel**	**565.17**	**%0cft**		
65	**Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), doubleply polyethylene 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.**	**250.00**	**per gallon**		
66	**Providing, laying, testing and 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**	**300.00**	**p.rft**		
67	**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 Inchargeii) 3/4" dia**	**4.00**	**each**		
68	**P/Fixing PPRC L-bow 32mmx¾" dadex made as approved site Engineer**	**2.00**	**each**		
69	**P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer**	**2.00**	**each**		
70	**P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer**	**12.00**	**each**		
71	**P/Fixing of C.P Nipple 1"x½"**	**12.00**	**each**		

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72	**Providing and fixing, flushing bend of PVC.ii)4 cm (1½")**	**2.00**	**each**		
73	**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-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia**	**8.00**	**each**		
74	**Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest i) white**	**2.00**	**each**		
75	**Providing and Fixing of Plastic Body Double Cover Jali Good Quailty**	**6.00**	**each**		
76	**Providing and fitting glazed earthen ware wash hand basin / vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.i) white, with pedestal**	**4.00**	**each**		
77	**Providing and fixing chromium plated tee stop cock 15mm (½").**	**8.00**	**each**		
78	**Providing and fixing chromium plated pillar-cock, heavy:- ii) 1.5 cm (½")**	**4.00**	**each**		
79	**Providing and fixing of Bib cock ½"dia**	**2.00**	**each**		
80	**Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORT Abr and (full size) i/c the cost of CP/ rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.**	**2.00**	**each**		
81	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (v) Muslim shower**	**2.00**	**each**		
82	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (iii) Double Bib Cock**	**2.00**	**each**		
83	**Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete i) white color**	**2.00**	**each**		
84	**Providing and fitting, glazed earthen ware soap dish i) white**	**4.00**	**each**		
85	**Providing and fixing, chromium plated toilet paper holder**	**2.00**	**each**		

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86	**Providing and fixing looking glass 55x40 cm (22"x16") size and 5 mm thick, first quality**	**4.00**	**each**		
87	**Providing and fitting glazed earthen ware shelf 60x13 cm (24"x5"), with chromium plated bracket and railing i) white**	**4.00**	**each**		
88	**Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.**	**31.00**	**p.hole**		
89	**Removing Malba up to 10 KM**	**4480.69**	**%cft**		
				Total (A):	
	B. Deduction of old material (Auctioned Material)				
01	**OLD MATERIAL Girder (MS Iron) 1126.50 kg**	**1126.50**	**KG**		
	Old bricks = 2100.84cft	**28361**	**No**		
				Total (B):	
	C. Electric Work.				
1	**S/E of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. (i) 2**5 mm i/d	**1200.00**	**Rft**		
2	**S/E PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:** 50 mm i/d	**300.00**	**Rft**		
3	**S/E of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an apping /G.I. wire/trenches (rate for cables only):-250/440 volts, PVC insulated:** **(i)** 3/0.74 mm (3/0.029")	**5500.00**	**Rft**		
	(ii) 7/0.74 mm (7/0.029")	**4000.00**	**Rft**		
	(iii) 7/1.12 mm (7/0.044")	**1000.00**	**Rft**		
4	**S/E of copper conductor cables for service ditto connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only)** **PVC insulated, PVC sheathed Four core, 600/1000 volt non armoured cable:** 16 mm (7/0.064")	**200.00**	**Rft**		
5	**P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge;** **(i)** Small	**30.00**	**No.**		
	(ii) Large	**22.00**	**No.**		
6	**P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws**	**16.00**	**No.**		

	complete as approved and directed by the Engineer Incharge One way Gange Switch **(i)** Fan dimmer				
	(ii) Three pin Light Plug 10/13 Amp	**22.00**	**No.**		
	(iii) Three Pin Power Plug 15-32 Amp	**8.00**	**No.**		
	(v) 06 Gange	**22.00**	**No.**		
7	**P/F of Fan box**	**16.00**	**No.**		
8	**Supply and erection of ceiling rose, bakelite.**	**4.00**	**No.**		
9	**P/F Copper Winded Exhaust Fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.** Steel body: 12" sweep	**4.00**	**No.**		
10	**P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & EarthBar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).** 6" deep: 75~100A **(18x24)**	**3.00**	**Cft**		
11	**Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.** Triple Pole: 15-100 Amp (10 KA,15KA)	**2.00**	**No.**		
12	**Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes, necessary wire complete in all respect as approved and directed by the Engineer Incharge** Single Pole: 6-40 Amp (6 KA)	**20.00**	**No.**		
	(ii) Double Pole: 6-40 Amp (6 KA)	**14.00**	**No.**		
13	**Supply and erection of button holder.** **bakelite large size**	**68.00**	**No.**		
14	**S/E of LED bulb 20 watt (Fast Made)**	**68.00**	**No.**		
15	**S/E of LED flood light 200 watt (Agree Made)**	**6.00**	**No.**		
				Total (C):	

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Total. (A+C)-B	
PST@_____%	
G. TOTAL:	
Mandatory to Write in Words: (Urdu/English)	

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DETAILED NOTICE INVITING TENDER (*DNIT) Tender No. 15/2024 Sr. No. 02*					
Name of Work:	**Construction of building for seed storage, office's, vehicle shed and boundary wall at Rajawala Farm, UAF.**				
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
A. Civil work.					
1	**Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) By Manual ii) in ordinary soil**	**10230.00**	**%0cft**		
2	**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(16,740.90 - 4416.40 = 12324.50**	**2415.25**	**%0cft**		
3	**Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects**	**67.50**	**%0cft**		
4	**Filling, watering and ramming earth under floors ii)with new earth excavated from outsidelead upto one chain (30 m).+ Transportation of earth all types when the total distance,including the lead covered in the item of work, is more than 1000 ft. (300 m) upto 16km**	**16867.50**	**%0cft**		
5	**Providing and laying good quality /local sand cushion from approved source (compacted in layers not exceeding 6" thickness) by mechanized means including the cost of front end loader, viberatory roller and all lead and lifts, dressing, watering complete in all respect as approved and directedby the Engineer Incharge.**	**11185.95**	**cft**		
6	**Providing, laying, watering and ramming brick or stone ballast 1½"to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.**	**69.63**	**%cft**		
7	**Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(d) Ratio 1: 6: 12**	**4252.63**	**%cft**		
8	**Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8**	**232.00**	**%cft**		
9	**Pacca brick work in foundation and plinth in 1:6 cement sand mortor**	**5449.31**	**%cft**		
10	**Pacca brick work other than building upto 10ft. (3 m) Ratio 1:4**	**1280.25**	**%cft**		
11	**Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), b) with 2 coats of bitumen ii) 2" thick (50 mm)**	**773.44**	**%sft**		

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12	**Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (b) with 2 coats of bitumen:-a) ½" thick (13 mm) (7,509.90 - 4,359.95 = 3149.95**	**4204.50**	**%sft**		
13	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6**	**3234.38**	**%cft**		
14	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6+ first Floor labour**	**1110.38**	**%cft**		
15	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4**	**58.10**	**%cft**		
16	**Pacca Brick work other then building in ground floor level 1:5 c/s mortor**	**935.44**	**%cft**		
17	**Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4**	**571.00**	**%cft**		
18	**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-60**	**20431.42**	**%kg**		
19	**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**	**183.67**	**p.cft**		
20	**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 (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects 2) Type B (nominal mix 1: 1½: 3)**	**1536.00**	**p.cft**		
21	**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 (2) Type B (nominal mix 1: 1½: 3)**	**1643.94**	**p.cft**		
22	**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 (2) Type B (nominal mix 1: 1½: 3) add labour 2nd floor**	**2280.75**	**p.cft**		

23	**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.including cost of Polytheen Sheet**	**3100.00**	**%sft**		
24	**Khuras on roof 2'x2'x6" (600 x 600 x 150 mm**	**20.00**	**each**		
25	**Providing and laying dry brick pavement/soling in streets or roads, etc. sand grounted, laid in proper camber, including preparation, watering, compaction of bed to proper camber and sand cushion**	**2514.30**	**%cft**		
26	**Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2+Extra cost of labour and material for red oxide pigment**	**6040.50**	**%sft**		
27	**Applying floating coat of cement 1/32" (0.8 mm) thick.**	**348.00**	**%sft**		
28	**cement plaster 1:4 ratio upto 20 ft height ½" thickness**	**1078.75**	**%sft**		
29	**cement plaster 1:4 ratio upto 20 ft height ¾" thickness**	**6279.25**	**%sft**		
30	**Cement plaster 1:3 upto 20' (6.00 m) height b)½" (13 mm) thick**	**315.00**	**%sft**		
31	**Cement plaster 1:3 upto 20' (6.00 m) height c)¾" (20 mm) thick**	**348.00**	**%sft**		
32	**Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3**	**3039.88**	**%sft**		
33	**Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.**	**9064.38**	**%sft**		
34	**Distempering 3 coats on new surface**	**9064.38**	**%sft**		
.35	**Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8"(40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8"(20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3 mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted, complete in all respects, including all cost of material and labour,etc. as per approved design and as directed by the Engineer-in-charge:-b)fixed with wire gauze, 22 SWG v) glass pane 5 mm thick**	**120.00**	**p.sft**		

36	**Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8"(50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement**	**120.00**	**sft**		
37	**Providing and fixing anti climb high security galvanized razor cut wire having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c cladded over 2.5 mm dia high tensile Core wire making coil fencing of specified diameter @ 4" c/c fixed on 2'-3" high M/S angle iron post 1½"x1½"x3/16"embeded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizantally with angle iron posts , binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge (ii) 18 " diameter**	**197.50**	**rft**		
.38	**Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8'' MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge (ii) 1/2" Squar Bars**	**120.00**	**sft**		
39	**Providing and fixing 24 SWG G.I. sheet rolling shutter consisting of steel frame of M.S.channel 2"x1¼"x1/8" (50x30x3 mm), angle iron 1½"x1½"x1/8" (40x40x3 mm), M.S. plate 1'x1'x1/8" (300x300x3 mm), G.I. pipe 1½" (37 mm) dia, springs 2' (600 mm) centre to centre, rollers, 24 SWG G.I. covering 1 ft. x 1 ft. (300x300 mm), handles, holdfast, and painting three coats, complete in all respects.**	**200.00**	**sft**		
40	**Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)**	**56.00**	**sft**		
41	**Providing and fixing 2" wide MS/ GI Chowkat singel/ double rebate made of 16SWG MS sheet pressed/ welded/ supported with M.S. flat1¼"x⅛" i/c 6" long M.S.Flat 1"x ⅛" hold fasts (6 Nos) welded/ screwed, punching of lock hole covered with MS Box, coating with anti rust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge.(ii) 10.50 " wide**	**49.00**	**p.sft**		
42	**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**	**105.00**	**p.sft**		

43	**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**	**5.00**	**each**		
44	**Providing and fixing auotomatic hydrauli coperated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge**	**2.00**	**each**		
45	**Providing and fixing of PVC sheet for door**	**70.00**	**p.sft**		
46	**Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work 3 coats on new surface**	**240.00**	**%sft**		
47	**Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8" (40 x 10 mm**	**2502.27**	**rft**		
48	**Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:-(i) 3"(75 mm) thick**	**2214.50**	**%sft**		
49	**1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick floor of 1:2:4 cement concrete,including rubbing and polishing complete with finishing (a) using grey cement**	**1955.96**	**%sft**		
50	**Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement (ii) ½"(13 mm) thick**	**221.00**	**%sft**		
51	**Providing and laying superb quality Ceramic tile floors of Master brand of specified size ,Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond ,over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"**	**136.52**	**sft**		
52	**Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/ Matt/ Texture skirting/ dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer In charge i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"**	**509.25**	**sft**		
53	**Providing and laying Prepolished Granite of specified thicknes sand shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed,complete in all respectas approved and directed by the Engineer Incharge (i) 3/4" thick**	**25.88**	**p.sft**		

54	**Providing and fixing Vin board cabinet 3/4" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc.,complete in all respects. iv) 2' deep,with back**	**25.88**	**p.sft**		
55	**Providing and fixing Vin board cabinet 3/4" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc.,complete in all respects. iii) 2' deep,without back**	**21.38**	**p.sft**		
56	**Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete iii) 225 mm (9:) i/d**	**60.00**	**rft**		
57	**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)**	**463.00**	**rft**		
58	**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-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge.c') Vent Cowel (i) 4" dia**	**3.00**	**each**		
59	**Providing and installing P.V.C. bends, of B.S.S.i) Class `B' working pressure b) 4" i/d (100 mm)**	**40.00**	**each**		
60	**Providing and installing P.V.C. tees, of B.S.S (i) Class `B' working pressure:-b) 4" i/d (100 mm)**	**3.00**	**each**		
61	**Constructing gully grating chamber, 12"x12", (300x300mm) complete in all respects:B)concrete Gully trap 6,457.20 -457.05= 6000.15**	**3.00**	**each**		
62	**Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect**	**6.00**	**each**		
63	**Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel**	**1670.92**	**%0cft**		
64	**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.**	**250.00**	**per gallon**		

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65	**Providing, laying, testing and commissioning under ground Yellow Polyethelene (MDPE) gas pipe tubing of required IPS (Iron Pipe Size) in the trenches, made of Dadex/ Popular/ Beta or equivelant, for Gas supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge (i) ¾" dia**	**50.00**	**rft**		
66	**Providing and Fixing PE Pipe Connection including the cost of Transit peace (2"dia M.s pipe 2.5ft long and other end 2"dia PE pipe 2.5ft)**	**2.00**	**each**		
67	**Providing and Fixing of Muller Tee ¾" dia**	**2.00**	**each**		
68	**Providing and Fixing of Regulator 043**	**1.00**	**each**		
69	**Providing and Fixing of Eclipse Cock ¾" dia**	**1.00**	**each**		
70	**Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I.pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.ii) Medium Quality b) ¾" i/d (20 mm) 2.65mm thick**	**100.00**	**rft**		
71	**Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I.pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.ii) Medium Quality c) 1" i/d (25 mm) 3.25mm thick**	**40.00**	**rft**		
72	**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**	**110.00**	**p.rft**		
73	**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.i) 1/2" dia**	**2.00**	**each**		
74	**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 Inchargeii) 3/4" dia**	**1.00**	**each**		
75	**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**	**3.00**	**each**		
76	**P/Fixing PPRC L-bow 32mmx¾" dadex made as approved site Engineer**	**2.00**	**each**		
77	**P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer**	**6.00**	**each**		

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78	**P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer**	**14.00**	**each**		
79	**P/Fixing of C.P Nipple 1"x½"**	**14.00**	**each**		
80	**Providing /fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality make of Corona/ Ambassador/ Super Asia/ Canon or approved equivalent manufacturer i/c the cost of non return valve, imported thermostate, G.I. accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge (i) 35 Gallons**	**1.00**	**each**		
81	**Providing and fixing, flushing bend of PVC.ii)4 cm (1½")**	**2.00**	**each**		
82	**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-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia**	**8.00**	**each**		
83	**Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest i) white**	**2.00**	**each**		
84	**Providing and Fixing of Plastic Body Double Cover Jali Good Quailty**	**6.00**	**each**		
85	**Providing and fitting glazed earthen ware wash hand basin / vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.i) white, with pedestal**	**2.00**	**each**		
86	**Providing and fixing chromium plated tee stop cock 15mm (½").**	**6.00**	**each**		
87	**Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.**	**1.00**	**each**		
88	**Providing and fixing of Sink Mixer ½" dia Powder coated as approved by the engineer**	**1.00**	**each**		
89	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (iv) Open Type Wall Shower**	**2.00**	**each**		
90	**Providing and fixing of Bib cock ½"dia**	**3.00**	**each**		
91	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (ii) Lever Type Basin Mixer**	**2.00**	**each**		

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92	**Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORT Abr and (full size) i/c the cost of CP/ rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.**	**1.00**	**each**		
93	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (v) Muslim shower**	**1.00**	**each**		
94	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (iii) Double Bib Cock**	**1.00**	**each**		
95	**Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete i) white color**	**2.00**	**each**		
96	**Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge**	**2.00**	**each**		
97	**Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.**	**13.00**	**p.hole**		
98	**Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete:-4" dia**	**100.00**	**rft**		
99	**Providing and installing, P.V.C. strainer B.S.S. Class 'D'in tubewell bore hole, including sockets and solvents,etc.complete 2" dia**	**20.00**	**rft**		
100	**Providing and installing P.V.C. blind pipe, B.S.S. Class`B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.4" dia**	**60.00**	**rft**		
101	**Providing and installing P.V.C. blind pipe, B.S.S. Class`D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.2" dia**	**20.00**	**rft**		
102	**Providing and installing P.V.C. blind pipe, B.S.S. Class`D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.1¼" dia**	**60.00**	**rft**		
103	**Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes,bends, tees, repairing surface, etc., complete with all specials iii) 25 mm i/d**	**100.00**	**rft**		

104	**Providing and fixing of single Phase 2.5HP electric motor Pump F2c Faisal made including the cost of M.S cover**	**1.00**	**each**		
					Total. A
B. Electric Work.					
1	**S/E of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. (i) 2**5 mm i/d (1" dia)	**780.00**	**Rft**		
2	**S/E PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:- (ii)** 50 mm i/d	**350.00**	**Rft**		
3	**S/E of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an apping /G.I.wire/trenches (rate for cables only):- 250/440 volts, PVC insulated:** **(i)** 3/0.74 mm (3/0.029")	**4000.00**	**Rft**		
4	**(ii)** 7/0.74 mm (7/0.029")	**2500.00**	**Rft**		
5	**(iii)** 7/1.12 mm (7/0.044")	**1280.00**	**Rft**		
6	**Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only): PVC insulated,PVC sheathed Four core** 16 mm (7/0.064")	**400.00**	**Rft**		
7	**P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/ sockets/ dimmer made of Hi-life/Bush /Schenider or approved equvilent manufacturer, screws complete as approved and directedby the Engineer Incharge** **One way Gange Switch (Small)** **(i)** Fan Dimmer	**17.00**	**No.**		
	(ii) Three pin Light Plug 10/13 Amp	**20.00**	**No.**		
	(iii) Three Pin Power Plug 15-32 Amp	**6.00**	**No.**		
	(iv) 04 Gange	**3.00**	**No.**		
	(v) 06 Gange	**19.00**	**No.**		
8	**Supply and erection of ceiling rose, bakelite.**	**6.00**	**No.**		
9	**P/FPVCconcealed SwitchkitBoxi/cthecostofscrewscompleteasapproved and directed by the Engineer Incharge:** Small	**30.00**	**No.**		
	(ii) Large	**18.00**	**No.**		
10	**P/F Copper winded ceiling fan made of Pak/Younas/G.F.Cor NEECA approved equivalent i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.** 56" dia size	**17.00**	**No.**		

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11	**P/F Copper Winded Exhaust Fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.** Steel body 18" sweep	**5.00**	**No.**		
12	**P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & EarthBar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).** 6" deep: 75~100A **(18x24)**	**1.50**	**Cft**		
13	**Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.**Triple Pole: 15-100 Amp (10 KA,15KA)	**1.00**	**No.**		
14	**Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge** Single Pole: 6-40 Amp (6 KA)	**14.00**	**No.**		
15	**Supply and erection of button holder bakelite large size**	**50.00**	**No.**		
16	**Flood light 200 Watt (Agri made)**	**16.00**	**No.**		
17	**Fan Box**	**17.00**	**No**		
18	**S/E of LED bulb 12 watt (Philips) with best quality bulb holder philips made or approved equivalent complete in all respect as approved by the Engineer Incharge.**	**50.00**	**No.**		
				Total. B	
				Total. A+B	
				PST@_____%	
				G. TOTAL:	
Mandatory to Write in Words: (Urdu/English)					

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DETAILED NOTICE INVITING TENDER (*DNIT) Tender No. 15/2024 Sr. No. 03*					
Name of Work:	**Construction of building for seed storage, office's, vehicle shed and boundary wall at Hafizabad Farm, UAF.**				
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
A. Civil work.					
1	**Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) By Manual ii) in ordinary soil**	**10230.00**	**%0cft**		
2	**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(16,740.90 - 4416.40 = 12324.50**	**2590.25**	**%0cft**		
3	**Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects**	**67.50**	**%0cft**		
4	**Filling, watering and ramming earth under floors ii)with new earth excavated from outsidelead upto one chain (30 m).+ Transportation of earth all types when the total distance,including the lead covered in the item of work, is more than 1000 ft. (300 m) upto 16km**	**20241.00**	**%0cft**		
5	**Providing and laying good quality /local sand cushion from approved source (compacted in layers not exceeding 6" thickness) by mechanized means including the cost of front end loader, viberatory roller and all lead and lifts, dressing, watering complete in all respect as approved and directedby the Engineer Incharge.**	**14157.96**	**cft**		
6	**Providing, laying, watering and ramming brick or stone ballast 1½"to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.**	**64.35**	**%cft**		
7	**Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(d) Ratio 1: 6: 12**	**4250.83**	**%cft**		
8	**Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8**	**232.00**	**%cft**		
9	**Pacca brick work in foundation and plinth in 1:6 cement sand mortor**	**5370.56**	**%cft**		
10	**Pacca brick work other than building upto 10ft. (3 m) Ratio 1:4**	**1280.25**	**%cft**		
11	**Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), b) with 2 coats of bitumen ii) 2" thick (50 mm)s**	**774.44**	**%sft**		

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12	**Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (b) with 2 coats of bitumen:-a) ½" thick (13 mm) (7,509.90 - 4,359.95 = 3149.95**	**4204.50**	**%sft**		
13	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6**	**3234.38**	**%cft**		
14	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6+ first Floor labour**	**1233.75**	**%cft**		
15	**Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4**	**58.10**	**%cft**		
16	**Pacca Brick work other then building in ground floor level 1:5 c/s mortor**	**935.44**	**%cft**		
17	**Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4**	**571.00**	**%cft**		
18	**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-60**	**20557.42**	**%kg**		
19	**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**	**183.67**	**p.cft**		
20	**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 (a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects 2) Type B (nominal mix 1: 1½: 3)**	**1536.00**	**p.cft**		
21	**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 (2) Type B (nominal mix 1: 1½: 3)**	**1661.94**	**p.cft**		
22	**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 (2) Type B (nominal mix 1: 1½: 3) add labour 2nd floor**	**2298.75**	**p.cft**		

23	**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.including cost of Polytheen Sheet**	**3100.00**	**%sft**		
24	**Khuras on roof 2'x2'x6" (600 x 600 x 150 mm**	**20.00**	**each**		
25	**Providing and laying dry brick pavement/soling in streets or roads, etc. sand grounted, laid in proper camber, including preparation, watering, compaction of bed to proper camber and sand cushion**	**2598.68**	**%cft**		
26	**Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2+Extra cost of labour and material for red oxide pigment**	**6179.25**	**%sft**		
27	**Applying floating coat of cement 1/32" (0.8 mm) thick.**	**348.00**	**%sft**		
28	**cement plaster 1:4 ratio upto 20 ft height ½" thickness**	**1078.75**	**%sft**		
29	**cement plaster 1:4 ratio upto 20 ft height ¾" thickness**	**6279.25**	**%sft**		
30	**Cement plaster 1:3 upto 20' (6.00 m) height b)½" (13 mm) thick**	**315.00**	**%sft**		
31	**Cement plaster 1:3 upto 20' (6.00 m) height c)¾" (20 mm) thick**	**348.00**	**%sft**		
32	**Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3**	**3039.88**	**%sft**		
33	**Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.**	**9064.38**	**%sft**		
34	**Distempering 3 coats on new surface**	**9064.38**	**%sft**		
.35	**Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8"(40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8"(20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3 mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted,complete in all respects,including all cost of material and labour,etc. as per approved design and as directed by the Engineer-in-charge:-b)fixed with wire gauze, 22 SWG v) glass pane 5 mm thick**	**120.00**	**p.sft**		

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36	**Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8"(50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement**	**120.00**	**sft**		
37	**Providing and fixing anti climb high security galvanized razor cut wire having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c cladded over 2.5 mm dia high tensile Core wire making coil fencing of specified diameter @ 4" c/c fixed on 2'-3" high M/S angle iron post 1½"x1½"x3/16"embeded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizantally with angle iron posts , binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge (ii) 18 " diameter**	**197.50**	**rft**		
.38	**Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8'' MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge (ii) 1/2" Squar Bars**	**120.00**	**sft**		
39	**Providing and fixing 24 SWG G.I. sheet rolling shutter consisting of steel frame of M.S.channel 2"x1¼"x1/8" (50x30x3 mm), angle iron 1½"x1½"x1/8" (40x40x3 mm), M.S. plate 1'x1'x1/8" (300x300x3 mm), G.I. pipe 1½" (37 mm) dia, springs 2' (600 mm) centre to centre, rollers, 24 SWG G.I. covering 1 ft. x 1 ft. (300x300 mm), handles, holdfast, and painting three coats, complete in all respects.**	**200.00**	**sft**		
40	**Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)**	**56.00**	**sft**		
41	**Providing and fixing 2" wide MS/ GI Chowkat singel/ double rebate made of 16SWG MS sheet pressed/ welded/ supported with M.S. flat1¼"x⅛" i/c 6" long M.S.Flat 1"x ⅛" hold fasts (6 Nos) welded/ screwed, punching of lock hole covered with MS Box, coating with anti rust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge.(ii) 10.50 " wide**	**49.00**	**p.sft**		
42	**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**	**105.00**	**p.sft**		

43	**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**	**5.00**	**each**		
44	**Providing and fixing auotomatic hydrauli coperated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge**	**2.00**	**each**		
45	**Providing and fixing of PVC sheet for door**	**70.00**	**p.sft**		
46	**Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work 3 coats on new surface**	**240.00**	**%sft**		
47	**Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8" (40 x 10 mm**	**2543.10**	**rft**		
48	**Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:-(i) 3"(75 mm) thick**	**2214.50**	**%sft**		
49	**1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick floor of 1:2:4 cement concrete,including rubbing and polishing complete with finishing (a) using grey cement**	**2024.00**	**%sft**		
50	**Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement (ii) ½"(13 mm) thick**	**252.50**	**%sft**		
51	**Providing and laying superb quality Ceramic tile floors of Master brand of specified size ,Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond ,over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"**	**136.52**	**sft**		
52	**Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/ Matt/ Texture skirting/ dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer In charge i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"**	**509.25**	**sft**		
53	**Providing and laying Prepolished Granite of specified thicknes sand shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed, complete in all respectas approved and directed by the Engineer Incharge (i) 3/4" thick**	**25.88**	**p.sft**		

54	**Providing and fixing Vin board cabinet 3/4" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc.,complete in all respects. iv) 2' deep,with back**	**25.88**	**p.sft**		
55	**Providing and fixing Vin board cabinet 3/4" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc.,complete in all respects. iii) 2' deep,without back**	**21.38**	**p.sft**		
56	**Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete iii) 225 mm (9:) i/d**	**50.00**	**rft**		
57	**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)**	**463.00**	**rft**		
58	**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-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge.c') Vent Cowel (i) 4" dia**	**3.00**	**each**		
59	**Providing and installing P.V.C. bends, of B.S.S.i) Class `B' working pressure b) 4" i/d (100 mm)**	**40.00**	**each**		
60	**Providing and installing P.V.C. tees, of B.S.S (i) Class `B' working pressure:-b) 4" i/d (100 mm)**	**3.00**	**each**		
61	**Constructing gully grating chamber, 12"x12", (300x300mm) complete in all respects:B)concrete Gully trap 6,457.20 -457.05= 6000.15**	**3.00**	**each**		
62	**Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect**	**6.00**	**each**		
63	**Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel**	**1787.58**	**%0cft**		
64	**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.**	**250.00**	**per gallon**		

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65	**Providing, laying, testing and commissioning under ground Yellow Polyethelene (MDPE) gas pipe tubing of required IPS (Iron Pipe Size) in the trenches, made of Dadex/ Popular/ Beta or equivelant, for Gas supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge (i) ¾" dia**	**50.00**	**rft**		
66	**Providing and Fixing PE Pipe Connection including the cost of Transit peace (2"dia M.s pipe 2.5ft long and other end 2"dia PE pipe 2.5ft)**	**2.00**	**each**		
67	**Providing and Fixing of Muller Tee ¾" dia**	**2.00**	**each**		
68	**Providing and Fixing of Regulator 043**	**1.00**	**each**		
69	**Providing and Fixing of Eclipse Cock ¾" dia**	**1.00**	**each**		
70	**Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I.pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.ii) Medium Quality b) ¾" i/d (20 mm) 2.65mm thick**	**100.00**	**rft**		
71	**Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I.pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.ii) Medium Quality c) 1" i/d (25 mm) 3.25mm thick**	**40.00**	**rft**		
72	**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**	**110.00**	**p.rft**		
73	**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.i) 1/2" dia**	**2.00**	**each**		
74	**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 Inchargeii) 3/4" dia**	**1.00**	**each**		
75	**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**	**3.00**	**each**		
76	**P/Fixing PPRC L-bow 32mmx¾" dadex made as approved site Engineer**	**2.00**	**each**		
77	**P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer**	**6.00**	**each**		

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78	**P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer**	**14.00**	**each**		
79	**P/Fixing of C.P Nipple 1"x½"**	**14.00**	**each**		
80	**Providing /fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality make of Corona/ Ambassador/ Super Asia/ Canon or approved equivalent manufacturer i/c the cost of non return valve, imported thermostate, G.I. accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge (i) 35 Gallons**	**1.00**	**each**		
81	**Providing and fixing, flushing bend of PVC.ii)4 cm (1½")**	**2.00**	**each**		
82	**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-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia**	**8.00**	**each**		
83	**Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest i) white**	**2.00**	**each**		
84	**Providing and Fixing of Plastic Body Double Cover Jali Good Quailty**	**6.00**	**each**		
85	**Providing and fitting glazed earthen ware wash hand basin / vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.i) white, with pedestal**	**2.00**	**each**		
86	**Providing and fixing chromium plated tee stop cock 15mm (½").**	**6.00**	**each**		
87	**Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.**	**1.00**	**each**		
88	**Providing and fixing of Sink Mixer ½" dia Powder coated as approved by the engineer**	**1.00**	**each**		
89	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (iv) Open Type Wall Shower**	**2.00**	**each**		
90	**Providing and fixing of Bib cock ½"dia**	**3.00**	**each**		
91	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (ii) Lever Type Basin Mixer**	**2.00**	**each**		

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92	**Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORT Abr and (full size) i/c the cost of CP/ rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.**	**1.00**	**each**		
93	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (v) Muslim shower**	**1.00**	**each**		
94	**Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (iii) Double Bib Cock**	**1.00**	**each**		
95	**Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete i) white color**	**2.00**	**each**		
96	**Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge**	**2.00**	**each**		
97	**Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.**	**13.00**	**p.hole**		
98	**Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete:-4" dia**	**100.00**	**rft**		
99	**Providing and installing, P.V.C. strainer B.S.S. Class 'D'in tubewell bore hole, including sockets and solvents,etc.complete 2" dia**	**20.00**	**rft**		
100	**Providing and installing P.V.C. blind pipe, B.S.S. Class`B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.4" dia**	**60.00**	**rft**		
101	**Providing and installing P.V.C. blind pipe, B.S.S. Class`D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.2" dia**	**20.00**	**rft**		
102	**Providing and installing P.V.C. blind pipe, B.S.S. Class`D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.1¼" dia**	**60.00**	**rft**		
103	**Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes,bends, tees, repairing surface, etc., complete with all specials iii) 25 mm i/d**	**100.00**	**rft**		

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104	**Providing and fixing of single Phase 2.5HP electric motor Pump F2c Faisal made including the cost of M.S cover**	**1.00**	**each**		
				Total. A	
B. Electric Work.					
1	**S/E of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. (i) 2**5 mm i/d (1" dia)	**780.00**	**Rft**		
2	**S/E PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:- (ii)** 50 mm i/d	**350.00**	**Rft**		
3	**S/E of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an apping /G.I.wire/trenches (rate for cables only):- 250/440 volts, PVC insulated:** **(i)** 3/0.74 mm (3/0.029")	**4000.00**	**Rft**		
4	**(ii)** 7/0.74 mm (7/0.029")	**2500.00**	**Rft**		
5	**(iii)** 7/1.12 mm (7/0.044")	**1280.00**	**Rft**		
6	**Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only): PVC insulated,PVC sheathed Four core** 16 mm (7/0.064")	**400.00**	**Rft**		
7	**P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches/ sockets/ dimmer made of Hi-life/Bush /Schenider or approved equvilent manufacturer, screws complete as approved and directedby the Engineer Incharge** **One way Gange Switch (Small)** **(i)** Fan Dimmer	**17.00**	**No.**		
	(ii) Three pin Light Plug 10/13 Amp	**20.00**	**No.**		
	(iii) Three Pin Power Plug 15-32 Amp	**6.00**	**No.**		
	(iv) 04 Gange	**4.00**	**No.**		
	(v) 06 Gange	**20.00**	**No.**		
8	**Supply and erection of ceiling rose, bakelite.**	**6.00**	**No.**		
9	**P/FPVCconcealedSwitchkitBoxi/cthecostofscrews completeasapproved and directed by the Engineer Incharge:** Small	**30.00**	**No.**		
	(ii) Large	**18.00**	**No.**		
10	**P/F Copper winded ceiling fan made of Pak/Younas/G.F.Cor NEECA approved equivalent i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.** 56" dia size	**17.00**	**No.**		

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11	**P/F Copper Winded Exhaust Fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.** Steel body 18" sweep	**6.00**	**No.**		
12	**P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & EarthBar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).** 6" deep: 75~100A **(18x24)**	**1.50**	**Cft**		
13	**Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.**Triple Pole: 15-100 Amp (10 KA,15KA)	**1.00**	**No.**		
14	**Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge** Single Pole: 6-40 Amp (6 KA)	**14.00**	**No.**		
15	**Supply and erection of button holder bakelite large size**	**50.00**	**No.**		
16	**Flood light 200 Watt (Agri made)**	**16.00**	**No.**		
17	**Fan Box**	**17.00**	**N.o**		
18	**S/E of LED bulb 12 watt (Philips) with best quality bulb holder philips made or approved equivalent complete in all respect as approved by the Engineer Incharge.**	**49.00**	**No.**		
				Total. B	
				Total. A+B	
				PST@_____%	
				G. TOTAL:	
Mandatory to Write in Words: (Urdu/English)					

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