Tenderer/Bidders not enlisted with University of Agriculture Faisalabad are directed to comply following checklist along with the sealed envelope bidding documents while participating the tender as per schedule date and time.

| SR. NO | BIDDER DOCUMENTS | MENTIONED PAGE NO. (To Filled By the Tenderer) |
|---|---|---|
| 1 | **Written Application on Firm's Letter Head Pad for the Work you are going to participate under this bidding document.** | |
| 2 | **Copy of valid license of Pakistan Engineering Council (If Applicable) Not required for Category of Contractors working in:- "E" and "D" Class as per prescribed guidelines of C&W, Punjab** | |
| 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 | **Copy of registration certificate of Registrar of firms/securities & exchange commission of Pakistan (For Private Limited Company etc.)** | |
| 6 | **Status of firm (Sole proprietorship, AOP, Private Limited Company etc)** | |
| 7 | **Affidavit on stamp paper of worth PKR 100/- about (From contractors not worked with University in current F.Y.)** i. **Non-Blacklisting with any public sector organization** ii. **Non involvement in any Litigation procedure with UAF** | |
| 8 | **Bank Statement (for the last six month) with certain balance required for a category yours firms fall in.** | |
| 9 | **List of the completed and in-hand projects of similar nature of works you are going to participate in this bidding document executed by yours firm in last three years with brief details.** | |
| 10 | **Employees List clearly mentioned the Names and designation of Employees including Owner/ Directors, Engineers and officials serving in the firm.** | |
| 11 | **Any other documents you deems fit to assist to check the worth of yours firm. (if any)** | |

**Note: Bidders are directed to provide forth said information prior to the opening the tender to the Tender Cell, UAF to proceed further.**

**Contractor** **Executive Engineer**

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

**UNIVERSITY OF AGRICULTURE, FAISALABAD**
**ITEM RATE TENDER & CONTRACT FOR WORKS**

| | | | |
|---|---|---|---|
| 1 | **Name of work:** | **i.** **Providing earthing to newly installed Generators (under ICT Project Library, ICT Block), Engineering Block and Science Block University of Agriculture, Faisalabad. (2nd Bi Annual 2019)**<br>**ii.** **Providing generator supply to academic block at UAF Sub – Campus Depalpur, Okara.(2nd Bi Annual 2019).**<br>**iii.** **Providing and laying PCC floor of Car Porch at House No. 10 American Colony University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**iv.** **Repair of 100 KVA Transformers installed at Gulfishan colony and Laboratory High School, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**v.** **Repair and renovation work to House No. 35 Lalazar Colony, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**vi.** **Construction of newly bathroom and repair of service station at motorpool, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**vii.** **Replacement of roof damaged asbestos corrugated sheets at garages of motorpool, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**viii.** **Repair and Renovation to House No. 50 Lalazar Colony University of Agriculture, Faisalabad. (2nd Bi Annual 2019)** | |
| 2 | **Estimated cost :** | **i. PKR: 535,500/-**<br>ii. **PKR: 199,593/-**<br>**iii. PKR: 231,950/-**<br>**iv. PKR: 130,000/-**<br>**v. PKR: 100,000/-**<br>**vi. PKR: 271,534/-**<br>**vii. PKR: 302,300/-**<br>**viii.PKR: 210,600/-** | |
| 3 | **Time for completion:** | i. Three Weeks.<br>ii. Two Weeks.<br>iii. Three Weeks.<br>iv. Three Weeks<br>v. Three Weeks<br>vi. One Month<br>vii. One Month<br>viii. Two Weeks | **Note: - Time Extension** (if any) should not be more than original completion time mentioned in the W.O. 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:- 10,710/-**<br>ii. **PKR:- 3,992/-**<br>iii. **PKR:- 4,639/-**<br>iv. **PKR:- 2,600/-**<br>v. **PKR:-2,000/-**<br>vi. **PKR:-5,431/-**<br>vii. **PKR:-6,046/-**<br>viii.**PKR:-4,212/-** | |

**Contractor** **Executive Engineer**

| | | |
|---|---|---|
| 5 | **Issued to:** | |
| 6 | **Pre-tender conference:** | N.A. |
| 7 | **Dead Line for submission of Tender:** | ----------31-10-2019---------- |
| 8 | **Opening of Tender :** | ----------31-10-2019---------- |
| 9 | **Issued by:** | **Tender Cell**, University of Agriculture, Faisalabad. |

Signature: ----------

Date: ----------

**(OFFICE STAMP)**

## Note:

**T**he officer/ Tender Opening committee is competent to reject the tender which does not bear the stamp and signature of the issued official and which is not submitted by the same contractor to whom the tender form was issued against prescribed fee (Non Refundable). However, the tender downloaded Free of Cost from UAF or PPRA website must reach to **Tender Cell, University of Agriculture Faisalabad** in sealed envelope along with prescribed Bid Security @ 2% in shape of CDR/DD in favour of Executive Engineer (ECD-M) /Treasure, UAF up to schedule of closing.

**Contractor** **Executive Engineer**

## GENERAL DIRECTIONS FOR
## THE GUIDANCE OF THE TENDERER

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, MRS, 2nd Bi-Annual 2019 District Faisalabad), contract documents, including bill of quantities, estimated scheduled 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 date that may be furnished with the contract documents.

8. (a) The tenderer shall fill up the Bill of Quantities and indicate the percentage rate above or below the MRS of rates for the "MRS items" on which he is willing to

undertake each item of work. No premium will be quoted by the contractor against non-MRS/item rates, for which the rate and amount has already been filled in by the engineer-in-charge in the bid schedule.

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

9. i. The tender shall work out the amount against each item of work in the Bill of Quantities and will indicate the total amount of his tender(including the cost of Non-MRS items rates for which the rate and amount has already been filled in by the engineer-in-charge in the Bill of Quantities) on which he is willing to complete the works. The total amount worked out in the Bill of Quantities 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 Bill of quantities or in the time allowed for carrying out the works or 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 filing the forms shall 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 re-written legibly and attested 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. 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 sheet(s)

by the Engineer-in-charge, which will be annexed to the contract documents specifying the number of sheets. The tenderer shall not add or delete any additional clause(s) in the additional clauses sheet (s), provided by the Engineer-in-charge.

13. The quantities mentioned in the Bill of Quantities 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 sixty (60) days following the date set for opening of tenders. In the event of the tender being accepted, or receipt for the earnest money forwarded therewith, shall thereupon 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 amount (s) payable to the contractor under the contract.

15. The successful tenderer will be required to enter into a contract, furnish the performance security (where-ever required) and to commence the work within the time specified in the memorandum of work. Should the successful tenderer refuse or fail for any reason to enter into contract, or to furnish the performance security or to commence the work within the time specified in the memorandum of work, it should constitute a just cause for the annulment of the award and in the event of such 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 the 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 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 it obligate, the participation of several firms forming the joint venture and any other information of 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 works.

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-m-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 tender. 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 respects and keep a copy of the tender for his own record. The original should be sealed in an inner ant an outer envelope, duly marking the envelops as “ORIGINAL”. The inner and outer envelops shall (a) be addressed to engineer-in-charge (b) and bear the following identification: Tender for (Name of Contract), (Reference Number of Tender), and the words “DO NOT OPEN BEFORE (Time and Date, set for opening)”. The inner envelops 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 or is otherwise unacceptable. If the outer envelope is not sealed and marked and 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 notice may be legally served on him and to which all correspondence in connection with his tender and the contract is to be sent.

21. The presentation of a tender implies full acceptance on the part of the tenderer 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 offenders 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) 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 not be disclosed to tenderers or other persons not officially concerned with such process. Any effort by the tenderer to influence the process of examination, clarification, evaluation and comparison of tenders, and in decisions concerning award of contact, 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 less than 5% of the approved estimated (DNIT) amount, the lowest bidder will have to deposit additional performance security from the Scheduled Bank ranging from 5% to 10% as under, within 15 days of issuance of notice or within expiry period of bid, whichever is earlier.

| TOTAL TENDERED AMOUNT BELOW CORRESPONDING ESTIMATED COST. | ADDITIONAL PERFORMANCE SECURITY. |
|---|---|
| 5% | 5% |
| 6% | 6% |
| 7% | 7% |
| 8% | 8% |
| 9% | 9% |
| 10% | 10% |

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

award the contract to the lowest or to any other tenderer.

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

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

30. At the time, the Engineer-in-charge notifies acceptance of the tender to the tenderer he will send the tenderer the Form of Agreement provided in the tender documents, incorporating all agreements between the parties. Within fifteen (15) days of receipt of the of Agreement, the successful tenderer shall furnish the performance security (10% of the Contract Price) and sign t! *e contract m the presence of the Engineer-in-charge.
31. After the successful tenderer has signed the -contract famished adequate performance security the Engineer-in-charge will notify to the un-successful 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 favour 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 ……. 20…

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

**(Signature of Executive Engineer)**

*

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

**Contractor** **Executive Engineer**

# MEMORANDUM OF WORK

| | | |
|---|---|---|
| a) | General Description: | **i. Providing earthing to newly installed Generators (under ICT Project Library, ICT Block), Engineering Block and Science Block University of Agriculture, Faisalabad. (2nd Bi Annual 2019)**<br>**ii. Providing generator supply to academic block at UAF Sub – Campus Depalpur, Okara.(2nd Bi Annual 2019).**<br>**iii. Providing and laying PCC floor of Car Porch at House No. 10 American Colony University of Agriculture, Faisalabad. (2nd Bi Annual 2019)**<br>**iv. Repair of 100 KVA Transformers installed at Gulfishan colony and Laboratory High School, University of Agriculture, Faisalabad. (2nd Bi Annual 2019) .**<br>**v. Repair and renovation work to House No. 35 Lalazar Colony, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**vi. Construction of newly bathroom and repair of service station at motorpool, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**vii. Replacement of roof damaged asbestos corrugated sheets at garages of motorpool, University of Agriculture, Faisalabad. (2nd Bi Annual 2019).**<br>**viii. Repair and Renovation to House No. 50 Lalazar Colony University of Agriculture, Faisalabad. (2nd Bi Annual 2019)** |
| i. | Estimated Cost: | i. **PKR: 535,500/-**<br>ii. **PKR: 199,593/-**<br>iii. **PKR: 231,950/-**<br>iv. **PKR: 130,000/-**<br>v. **PKR: 100,000/-**<br>vi. **PKR: 271,534/-**<br>vii. **PKR: 302,300/-**<br>viii. **PKR: 210,600/-** |
| ii. | 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:- 10,710/-**<br>ii. **PKR:- 3,992/-**<br>iii. **PKR:- 4,639/-**<br>iv. **PKR:- 2,600/-**<br>v. **PKR:- 2,000/-**<br>vi. **PKR:- 5,431/-**<br>vii. **PKR:- 6,046/-**<br>viii. **PKR:- 4,212/-** |

**Contractor** **Executive Engineer**

| | | |
|---|---|---|
| iii. | **Percentage of security deposit to be retained from the bills.** | |
| | i) On the amount of work done up to Rs.5.0 million<br>ii) On the amount of work done beyond Rs.5.0 million. | Ten (10) percent<br><br>Five (5) percent |
| iv. | Minimum amount of interim running bills | Rupees five million (Rs.---------- only |
| v. | Mobilization period | Fifteen (-) calendar days |
| vi. | Time allowed for completing the work after the expiry of mobilization period | ----------NA----------calendar months |
| vii. | 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. |
| viii. | Period of maintenance (after the date of issuance of certificate of completion) | Twelve (06) calendar months. |

**Contractor** **Executive Engineer**

# 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 |
| | | | | | | | | |

**Contractor** **Executive Engineer**

# BID SCHEDULE

**1. Schedule of item (N.S. 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 |
| | | | | | | | |

**Total cost of item rates Rs.** _____

**Contractor** **Executive Engineer**

# 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.** **Rs.** _____

2. **Total Cost of Item Rates** **Rs.** _____

**Grand Total Rs.** _____

**Rupees** _____

_____

*(To be filled in words)*

**Contractor** **Executive Engineer**

# DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr. 1)*

| **Name of Work:** | ***Providing earthing to newly installed Generators (under ICT Project Library, ICT Block), Engineering Block and Science Block University of Agriculture, Faisalabad.*** |
|---|---|

| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Electric work** | | | | | |
| 1 | **Special Earthing up to deep water level size 70 mm copper rope with 1" dia copper rod six kg in G.I pipe complete in all respect Length 100'x10 Nos earth=1000rft Actual depth of Earth may varies, However, payment will be made as per actual measured depth of the earth pit dully verified by the Generators committee during the process of execution of work.** | **rft** | **1000.00** | | |

**Contractor** **Executive Engineer**

# DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr. 2)*

| **Name of Work:** | ***Providing generator supply to academic block at UAF Sub – Campus Depalpur, Okara.*** |
|---|---|

| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Electric work.** | | | | | |
| 1 | **Excavation of trenches in all kinds of soil except cutting rock for water supply pipelines up to 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 (2x4x20)**<br>**(Generator to Transformer)** | **''/,** | **160.00** | | |
| 2 | **S/E of PVC insulator copper conductor**<br>**(Generator to Transformer)**<br>**(37/103) 4/core** | **rft** | **50.00** | | |
| 3 | **Dry brick paving laid flat sand grouted, including preparation of bed by watering, ramming and bringing the same to proper camber, by ½" (13mm) thick mud plaster**<br>**20x0.75** | **%sft** | **15.00** | | |
| 4 | **Re handling of earth work**<br>**2x4x20=160** | **''/,** | **160.00** | | |
| 5 | **S/E of copper thimble** | **No** | **12.00** | | |

**Contractor** **Executive Engineer**

DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr.3)*

| **Name of Work:** | ***PROVIDING AND LAYING P.C.C FLOOR OF CAR PARKING AT HOUSE NO. 10 AMERICAN COLONY UAF.*** |
|---|---|

| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Civil work.** | | | | | |
| 1 | **Excavation in foundation of building, bridges and other structures, including dabbling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift up to 5 ft. (1.5 m)<br>ORDINERY SOIL** | **%0cft** | **259** | | |
| 2 | **Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for<br>floor foundation, complete in all respects.** | **%cft** | **43** | | |
| 3 | **Pacca brick work in foundation and plinth in:-<br>1:6 c/s mortor** | **%cft** | **127** | | |
| 4 | **Earthwork in ordinary soil for embankments lead upto 100 ft. (30 m), including ploughing and mixing with blade grade or disc harrow or other suitable equipment, and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all respect<br>95% to 100% maximum modified AASHO dry density.** | **%0cft** | **750** | | |
| 5 | **Cement plaster 1:4 upto 20' (6.00 m) height:-<br>c) ¾" (20 mm) thick** | **%sft** | **140** | | |
| 6 | **Cement concrete plain including placing,<br>compacting, finishing and curing complete (including screening and washing of stone aggregate ratio 1:4:8** | **%cft** | **495** | | |
| 7 | **Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:-<br>(g) 2½"(62 mm) thick** | **%sft** | **1500** | | |
| 8 | **Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels<br>a) Size 1½" x 3/8" (40 x 10 mm)** | **p/rft** | **975** | | |

**Contractor** **Executive Engineer**

# DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr. 4)*

| **Name of Work:** | ***Repair of Transformers rating 100 KVA installed at Gulfishan colony and 100 KVA at Laboratory Girls High School, University of Agriculture, Faisalabad.*** |
|---|---|

| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Electric work.** | | | | | |
| 1 | **S/E of HT coil (11 KV) side of 100 KVA (11KV/415V) Transformer with standing insulation strength in transformer oil above 15 KV, wound with 19 SWG enameled copper wire, after removal of moisture below 50 PPM level of water contents.**<br>**Oil wet coil weight=14 .2 kg**<br>**A: 2 Nos. of Coils for Ghulfishan Colony Transformer rating 100 KVA**<br>B**: 2 Nos. of Coils for Lab. Girls High School Transformer rating 100 KVA** | **No.** | **4.00** | | |
| | **Dehydration/Degasification/Filtration of the transformer rating 100 KVA**<br>**A: 1 Job for Gulfishan Colony Transformer rating 100 KVA**<br>**B: 1 Job for Lab. Girls High School Transformer rating 100 KVA** | **Job** | **2.00** | | |
| | A: Gulfishan Colony Transformer rating 100 KVA<br>**a) Shifting charges of damaged transformer from Gulfishan Colony to Power House for repair purpose through crane (1.5 hours)**<br>**b) Installation charges of repaired transformer at transformer ADD after repair from Power House through crane (1.5 hours)**<br>**B:** Lab. Girls High School Transformer rating 100 KVA<br>**a) Shifting charges of damaged transformer from Lab. Girls School to Power House for repair purpose through crane (1.5 hours)**<br>**b) Installation charges of repaired transformer at transformer ADD after repair from Power House through crane (1.5 hours)** | **hr.** | **6.00** | | |
| **Deduction/Auction of old material:** | | | | | |
| 1 | **Burnt Copper Wire of Old Coils 90% of new coils based on input rates**<br>**4 No x 12.78 KG Each** | **kg** | **51.12** | | |

**Contractor** **Executive Engineer**

# DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr. 5)*

| **Name of Work:** | ***Repair and renovation work to House No. 35 Lalazar Colony, University of Agriculture, and Faisalabad.*** |
|---|---|

| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Civil work.** | | | | | |
| 1 | **Distempering 2 coat on old surface** | **%cft** | **7508** | | |
| 2 | **Scraping old distemper or paint** | **%sft** | **3003.2** | | |
| 3 | **Painting 2 coat on old surface** | **%sft** | **1993** | | |
| 4 | **Painting old surfaces Painting sashes, fanlights, glazed or gauzed doors and windows** | **%sft** | **558** | | |
| 5 | **Colour washing 2 coat on new surface** | **%sft** | **3396** | | |
| 6 | **G.I wire gauze 22 SWG 12x12 meshes per square inch fixed to chowkat with ¾" thick deodar wood strip and screws** | **sft** | **74** | | |
| 7 | **1/2" thick cement plaster 1:4 on wall i/c floating coat 1/32" thick** | **%sft** | **488** | | |

**Contractor** **Executive Engineer**

# DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr. 6)*

| **Name of Work:** | ***Construction of newly bathroom and repair of service station at motorpool, University of Agriculture, Faisalabad.*** |
|---|---|

| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Civil work.** | | | | | |
| 1 | **Excavation in foundation of building, bridges and other structures, including dabbling, dressing, refilling around structure with excavated earth, watering and ramming up to one chain (30 m) and lift up to 5 f t. (1.5 m) 87.3+29** | **%0cft** | **116.3** | | |
| 2 | **Cement concrete brick or stone bal last 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth ( b) Ratio 1: 4: 8 (9.5 + 50.69)** | **% cft** | **60.19** | | |
| 3 | **Pacca brick work in foundation and plinth in:- Cement, sand mortar:-1:6 30.5+41.8** | **% cft** | **72.30** | | |
| 4 | **Pacca brick work in ground floor ratio 1:5 c/s** | **% cft** | **130.7** | | |
| 5 | **Cement plaster 1:4 up to 20' (6.00 m) height:-3/4" thick** | **% sft** | **248.8** | | |
| 6 | **Cement pointing struck joints, on walls, up to 20' (6.00 m) height a) ratio 1:2** | **% sft** | **170.8** | | |
| 7 | **Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge** | **% sft** | **15.1** | | |
| 8 | **Reinforced cement concrete in roof slab, beams, extra columns lintels, girders and other structural members laid in situ or precast laid in position, or pre stressed members cast** | **per cft** | **2.8** | | |
| 9 | **Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)** | **% kg** | **8.4** | | |
| 10 | **Priming coat of chalk under distemper.** | **% sft** | **294.8** | | |
| 11 | **Distempering: - a) new suface: - i i ) two coats** | **% sft** | **294.8** | | |

**Contractor** **Executive Engineer**

| | | | | | |
|---|---|---|---|---|---|
| 12 | **Providing, laying, watering and ramming brick ballast 1½" to 2" (40 mm to 50 mm) gauge mixed with 25% sand, floor foundation, complete in al l respect** | **% cft** | **14.8** | | |
| 13 | **1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 If glass or marble strips are used mm) mosaic topping of one part of cement and marble for paneling, it will be paid extra as powder in the ratio of 3:1 and two parts of marble chips, per item No. 41 or 42.laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing : a) using grey cement 44.8+48.6** | **% sft** | **93.4** | | |
| 14 | **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 : i ) 1/2'' (13 mm) thick 121.6+64.25** | **% sft** | **185.85** | | |
| 15 | **First class deodar wood wrought joinery in doors and windows, etc. panel led, or panel led or glazed, or fully glazed, fixed in position, including chowkat, holdfast, hinges, tower bolts, chocks, rubber stop, cleats/G.I ( c) 1½" thick (40 mm)** | **per sft** | **17.5** | | |
| 16 | **First class deodar wood wrought joinery in doors and windows, etc. panel led, or panel led or glazed, or fully glazed, fixed in position, including chowkat, holdfast, hinges, tower bol ts, chocks, rubber stop, , cleats /G.I ( c) 1½" thick (40 mm)** | **per sft** | **4.5** | | |
| 17 | **New surface Preparing surface and painting of doors and windows any type (including edges):-) priming coat.( i i ) each subsequent coat of paint.** | **% sft** | **44.0** | | |
| 18 | **First class ti le roofing, consisting of 4" (100 mm) earth and 1" (25 mm) mud plaster wi th Gobri leeping over ½" (13 mm) thick cement plaster 1:6 wi th 34 lbs. per %Sf t or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over 2 layers of ti les 12"x6"x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc.** | **% sft** | **55.6** | | |
| 19 | **Providing and fixing sliding bolt to doors: -iv) brass sliding bolt, 12" (300 mm) long** | **each** | **2.0** | | |
| 20 | **Fabrication of heavy steel work , with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling,** revitting**, handling,** | **% KG** | **61.7** | | |
| 21 | **Preparing surface and painting of f i l lets, f raming, ski rtings, pipes, gutters, and simi lar l inear work not exceeding 6" (150 mm) gi rth:-** | **%Sft** | **72.6** | | |
| 22 | **Distempering on old surface (ii) two coat** | **%cft** | **2248.8** | | |
| 23 | **Scarping (quantity old surface= 40% of item no 22)** | **% sft** | **899.5** | | |
| 24 | **Dismantling cement concrete 1:2:4 plain including carriage.+ Loading and un loading Stone, spawl, brick bats, shingle, sand, lime, surkhi, ashes, kankar and coat, etc.** | **%cft** | **60** | | |

**Contractor** **Executive Engineer**

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| 25 | **Supplying and f illing sand under floor; or plugging in wel ls.** | **%cft** | **120** | | |
| 26 | **Cement concrete plain including placing compacting, f inishing and curing complete (including screening and washing of stone aggregate): ratio 1:2:4** | **%cft** | **121.77** | | |
| 27 | **Removing cement or lime plastering** | **%sft** | **1284** | | |
| 28 | **Cement plastering 1/2" thick with ratio 1:4 c/s mortor** | **%sft** | **1465.18** | | |
| 29 | **Applying floating of cement 1/32" (0.8mm) thick** | **%sft** | **1404** | | |
| **Public Health** | | | | | |
| 1 | **Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. WHITE** | **No** | **1** | | |
| 2 | **P/F of glazed P-trap glazed 4'' dia** | **No** | **3** | | |
| 3 | **Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. white, with pedestal** | **No** | **1** | | |
| 4 | **P/F of GI pipe 3/4'' dia ¾" i/d (20 mm) 2.65mm thick** | **rft** | **30** | | |
| 5 | **Providing and fitting plastic made low down flushing cistern 13.63 liter (3 gallons) capacity, including bracket set, copper connection, etc. complete. white** | **No** | **1** | | |
| 6 | **Providing and fixing chromium plated tee stop cock 15mm (½").** | **No** | **2** | | |
| 7 | **P/F of swan neck cock for wash hand basin 1/2'' dia powder coated faisal or master** | **No** | **1** | | |
| 8 | **P/F of floor trap jali 6''x6'' plastic made with frame and fittings** | **No** | **2** | | |
| 9 | **Providing and fixing chromium plated bib cock:- 1.5 cm (½")** | **No** | **2.00** | | |
| 10 | **P/F of handle cock 1/2'' dia** | **No** | **2.00** | | |
| 11 | **Constructing gully grating chamber, 12"x12", ( 300x300 mm) complete in all respects: with C.I. gully trap, weighing 81 lbs. (36.75 Kg.) frame hinged safety type.** | **No** | **2.00** | | |
| 12 | **P/F of PVC pipe 4'' dia b-class working pressure complete (100 mm)** | **rft** | **30.00** | | |
| 13 | **P/F of PVC pipe 6'' dia b-class working pressure complete (150 mm)** | **rft** | **30.00** | | |
| 14 | **Sewerage connection with connection material** | **No** | **1.00** | | |

**Contractor** **Executive Engineer**

| | | | | | |
|---|---|---|---|---|---|
| 15 | **Water supply connection from main line** | **No** | **1.00** | | |
| 16 | **Making and repairing holes with repairing material** | **No** | **5.00** | | |
| 17 | **P/F of shower rose 1.5x10 cm (½"x4")with fittings** | **No** | **1.00** | | |
| 18 | **P/F of glass shelve 4x24" plastic made with fitting material** | **No** | **1.00** | | |
| 19 | **P/F of plastic made soap dish with fitting material** | **No** | **1.00** | | |
| 20 | **P/F of towel stand plastic made 24''x3/4'' with fittings** | **No** | **1.00** | | |
| **Electric Work** | | | | | |
| 1 | **S/E of PVC pipe for wiring on surface 3/4" 1" Dia** | **rft** | **25.00** | | |
| 2 | **S/E of PVC insulated copper conductor cable (3/0.29) S/core** | **rft.** | **50.00** | | |
| 3 | **S/E of wooden board with bakelite sheet i/c making hole. (i) (4"x4") size** | **rft** | **2.00** | | |
| 4 | **S/E of wooden board with bakelite sheet i/c making hole. (ii) (7"x4") size** | **rft** | **1.00** | | |
| 5 | **S/E of ceiling rose bakelite** | **No.** | **1.00** | | |
| 6 | **S/E of button holder bakelite** | **No.** | **2.00** | | |
| 7 | **S/E of switch 10-15 Amp recessed** | **No.** | **4.00** | | |
| 8 | **S/E of 5 Amp wall socket** | **No.** | **1.00** | | |
| 9 | **S/E of Exhaust fan GFC/PAK 12"size** | **No.** | **1.00** | | |

**Contractor** **Executive Engineer**

| DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr.7)* | | | | | |
|---|---|---|---|---|---|
| **Name of Work:** | ***Replacement of roof Damaged asbestos corrugated sheets at garages of motorpool, UAF.*** | | | | |
| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
| | | | | Rate Quoted | Amount (PKR) |
| **Civil work.** | | | | | |
| 1 | **Dismantling from any height asbestos sheets and ridge coping** | **%sft** | **4200** | | |
| 2 | **Asbestos cement corrugated sheet roofing including necessary overlaps and GI hook bolts nuts, screws washers and bitumen washers etc. (excluding valleys and ridges etc).<br>Dadex or Equivalent (As Approved By The Engineer Incharge)** | **%sft** | **4200** | | |

**Contractor** **Executive Engineer**

# DETAILED NOTICE INVITING TENDER (*DNIT) Tender No 15/2019 (Sr. 8)*

| **Name of Work:** | **Repair and renovation to House No. 50 Lalazar Colony, University of Agriculture, Faisalabad. (2nd Bi Annual 2019)** |
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| Sr. No | Item Details/ Description of works | Unit | Qty. | To be filled by the Bidder | |
|---|---|---|---|---|---|
| | | | | Rate Quoted | Amount (PKR) |
| **Civil work.** | | | | | |
| 1 | **Pacca brick work 1:5 c/s mortor in ground floor** | **%cft** | **21.12** | | |
| 2 | **cement plaster 1:4 c/s mortor 3/4" thickness** | **%sft** | **95.98** | | |
| 3 | **(a) (i) 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 in situ, complete in all respects:-<br>(3) (c) Type C (nominal mix 1: 2: 4)** | **per cft** | **8.3** | | |
| 4 | **Fabrication of mild steel reinforcement bar cage for R.C.C.bored piles, including cutting, bending, laying in position,welding and fastening, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from the bars):-<br>(b) deformed bars** | **%kg** | **24.9** | | |
| 5 | **Cement pointing flush upto 20' (6.00 m) heihgt:-<br>a)ratio 1:2<br>Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.** | **%sft** | **30** | | |
| 6 | **Colour washing:-<br>b)old surface:-<br>ii) two coats** | **%sft** | **3894** | | |
| 7 | **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.** | **per sft** | **97.8** | | |
| 8 | **G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 in cm2) fixed to chowkat, with ¾" ('20 mm) thick deodar wood strip and screws.** | **per sft** | **58.8** | | |
| 9 | **P/L of GRANITE JET BLACK Marble 1'' thick with fixing and filling of joints with gray cement** | **Per sft** | **29.5** | | |
| 10 | **P/f fiber glass shed including cost of m.s pipe 1x1x14 swg box section. fiber glass 4 ply welding at site round bolt etc including painting of frame M.S pipe 4'' dia 1½ x ¾ etc.** | **per sft** | **188.75** | | |

**Contractor** **Executive Engineer**

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|---|---|---|---|---|---|
| 11 | **Providing and installing M.S. blind pipe socketed/welded joint, M.S. reducer (where necessary), in tubewell bore hole, including jointing/welding with strainer, etc. complete:-<br>c)4" i/d, 1/8" (100 mm i/d 3 mm) thick** | **per rft** | **26** | | |
| 12 | **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)<br>b) ordinary soil** | **%0cft** | **53** | | |
| 13 | **Providing, laying, cutting, jointing, testing and disinfecting P.V.C. pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:-b)4" i/d (100 mm)** | **per rft** | **40** | | |
| 14 | **Constructing gully grating chamber, 12"x12", ( 300x300mm) complete in all respects:<br>a)with C.I. gully trap, weighing 81 lbs. (36.75 Kg.) frame hinged safety type** | **each** | **2** | | |
| 15 | **Making sewerage connection to existing Manhole of main sewerage pipe line including cost of plugging, Dewatering, de-silting. Making hole in wall repairing and restoration etc, Complete in working condition.** | **one job** | **1** | | |
| 16 | **Restoration of brick pavement on edge, over laid service line, with 2" (50 mm) sand cushion under soling.** | **%sft** | **52.5** | | |
| 17 | **Providing, laying, watering and ramming brick ballast 1½"to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.** | **%sft** | **2.97** | | |
| 18 | **Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate):<br>(f) Ratio 1: 2: 4** | **%cft** | **15** | | |

**Contractor** **Executive Engineer**