

**OFFICE OF THE EXECUTIVE ENGINEER
ANAND AGRICULTURAL UNIVERSITY
AN AND**

Name of work :- Construction of protection wall to Girls hostel at AAU, Jabugam.

LIST OF MATERIAL TO BE USED FOR WORK :-

Sr. no.	MATERIAL	MAKE/PLACE
1	TMT BAR	TATA TISCO, KAMDHENU, NATIONAL, GALENT, NRE, NILKANTH, VINAYAK, FRIENDS MAKE ONLY.
2	CEMENT	O.P.C- ONLY MAJOR PLANT- AMBUJA, ULTRA TECH, BINANNI MAKE.
3	KAPACHI/ METAL	BLACK TRAP ONLY
4	SAND	SANKHEDA/BADALPUR/BODELI ONLY
5	M.S. ANGLE/ FLAT	TATA, JINDAL, AMBIKA, MARUTI, SAIL, VIZAG, STEELCO.
6	Crimped jali	AS PER ITEM.

Only above said material is to be used as per site condition/situation.

Contractor's sign

Executive Engineer

TENDER

Name of work :- Construction of protection wall to Girls hostel at AAU, Jabugam.

Employer: - : Anand Agricultural University
Anand

Site: - : Anand Agricultural University
Anand

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-: S P E C I F I C A T I O N :-

All the works shall be done as per the specification laid down in the Bombay P.W.D. hand book Volume, I, II 9th edition and latest I.S.S. specifications and according to the order of the Executive Engineer, Anand is conformity with the following addition and alterations. In case of dispute, the decision of the Executive Engineer, Anand Agricultural University, Anand shall be considered as final and binding to the contractor.

All the materials required for the work is to be used as per details specification attached with the tenders for material's or approved by Executive Engineer.

MEASUREMENTS:-

Mode of measurement has been specified in each item however in case where details are not provided standard procedure.

1. All damages to floor, walls, roads sides of buildings etc. during the process of fixing water supply, drainage and Sanitary installations shall be restored to the original condition by the contractor of his own cost.
2. All the pipes, fittings and appliances shall be thoroughly cleaned before fixing and particular care shall be taken to see that no materials gets into them during fixing.
3. All the joints shall be of the same diameters of the inside before expect wherever mentioned.
4. All the joints shall be rendered leak proof and tested for the same to ensure efficient functioning of pipes and appliances.
5. All diameters of pipes shall be of the same diameters of the inside before expect wherever mentioned.
6. Entire water supply and sanitary items arrangements shall be subjected to pressure test in accordance to IS Code at the contractors cost prior to commissioning.
7. All the water supply and sanitary items shall be carried out by the experienced plumber to the entire satisfaction of Engineer-in-charge.
8. Rate of each items are including of testing of its and connection and pipe etc for no leakage.

Contractor

Executive Engineer

S P E C I F I C A T I O N

Note:

The Various items of works shall be carried out in general as per relevant ISS specification and that or the latest addition of P.W.D. hand book volumes I and II along with the following specification where there is contradiction between the following specifications and P.W.D. hand book the following specification and P.W.D hand book the following specification shall be govern in matters or interpretation etc. the design of the Director of purchase and Properties / Architect shall be final and binding on the contractor.

- 1) The contractor is to allow for executing any work which in the Engineer/ Architect opinion is like to cause and annoyance to occupaints in the vicintly at times as the Architects may directs.
- 2) The contractor shall deliver deliver daily to the Engineer in charge of works a report as to the number of operative employed in all treaders and deliver to the side.
- 3) The teasuretrove coins or objects of a quantity which may be found on the site shall handed over to the employees.
- 4) The contractor is to provides at all times curing the progress of work and maintenance period proper mean of the access with leaders and aways etc. the necessary attendance to move and as per as directed for the inspection or measurement of the work by architect consulting Engineer structural engineer and D.P.P. authorities or their representatives.
- 5) The contractor is to allow for general attendance upon sun contractor including the free use of plot and scaffolding and the provision and special scaffolding required and is allow their operative the use of latrine water closest mess room & lock up shop for each.
- 6) The contractor is to set up and level the work and will be responsible for the security of same. He is approved all instruments and attendance require by the Architect consulting Engineer and University authorities or their representatives for checking their work.
- 7) The Contractor is to cover up[and protected the works from weather and is to suspend all set operations during weather which is in the Engineer/Architects opinion will be determental to the work.

8) The contractor is to allow for general foreman to be constantly on the works through out the period of their execution and for supervision as required under the conditions of contract.

9) The contractor shall provides erect and maintain proper shades and temporary buildings for the storage and protection of materials etc. and for the execution of works which may be fabricated or brought on the site.

10) The contractor shall provide and erect and maintain proper shade mess rooms for the operatives with adequate lighting attendance etc.

11) The contractor shall provide and erect in approved positions all necessary sanitary conveniences with the rules and regulations of the authority maintain in a clean and or dearily condition.

12) The Contractor shall provide erect and maintain on office for the general foreman with desk drawers etc and adequate lighting and attendance.

13) The contractor shall provide erect and maintain for the Engineer in charge with desk drawers on office etc. and adequate lighting and attendance.

14) The Contractor shall provide erect and maintain office with desk, drawers etc. and adequate lightening and attenance for the architects representatives.

15) The contractor shall allow for paying all rates, takes and others charges which may be made by local or other authorities in the condition with offices sheds and other temporary building erected fro the purpose of the contractor.

16) Board:

A board of size approximately 8' X 6' as per drawings shall be made be up to at approved place on the site. This board shall be pointed in approved colours the name of :

1. The Proposed construction and the employer.
2. The Architects.
3. The buildings contractors.
4. The structural consultants.
5. Any other specialist consultant and
6. Consulting Engineer as directed by the Architects. This shall be provided the contractor at his own expenses.

17) Samples of each class of materials and workmanship at be submitted by the contractor for the approval of the Engineer /Architects and after such approval these samples shall be deposited in the C:\Users\ss\Desktop\Nivida-05 OF 2019-20\Compound wall with pile for girls hostel 5
Jabugam\General specification.doc

office of the Engineer incharge and the contractor will be required to Performa all the works of his contract in accordance with these samples.

18) If the contractor wants to make any item No. of at his workshop or at any other place and not on site written application for permission to do so shall have to be submitted to the Engineer In charge /stating clearly the item of work place of its making etc. If the said application is rejected by the Engineer in charge the same item of work shall have to be carried out on site at no extra cost.

19) On completion all works must be cleaned down rubbish removed and the works and land cleared of rubbish surplus materials and other accumulations and ever their left in a clean and orderly condition./The contractor shall to this work at his own expenses as per the instructions of the Engineer in charge.

20) The contractor shall prepare a sample of any work required by the Engineer/Architects and get in the Engineer/architects approval before proceeding with the quantity work. The contractor from the site at his cost shall remove the rejected sample. The contractor shall not be eligible for any compensation for preparing for removing the sample.

21) No extra shall be paid on any item on account of the floor lead except where specifically mentioned.

22) All quantities mentioned in the schedule of quantities are only approximate and the contractor shall not be eligible for any claim due to any variation in or commission of any item of works.

Contractors Signature

Executive Engineer

Place :

Date:

-: ANNEXTURE - 'A' :-

Rates of different materials and site required for the excavation of work s per specification & wages of labours for the satisfaction completion of the work as per details

Specification:-

(A) For labour :	Category	Rate /Unit
i) Skilled labour	Mistry grade – I Maission grade – I Carpenter grade –I Plumber grade – I Black smith grade – I Wiremen grade – I Painter Any other if required	
ii) Semi skilled labour	Bhisti Maission grade – II Carpenter – II Plumber grade – II Black smith grade –II Any other if required white washer	
iii) Unskilled labour	Male helper Female helper	

(B) For materials:

Sr. No	Materials	Unit	Rate /Unit lead in kms
1	Cement	M/Tonne	
2	Conventional brick	1000 Nos	
3	Coarse sand	Cumt	
4	Fine sand	Cumt	
5	Kapchi 12mm to 20mm size	Cumt	
6	Bricks bats	Cumt	
7	Lime	Kg	
8	Water proof cement paint	Kg	
9	Oil paint	Litre	
10	French polish	Litre	

Executive Engineer

**ANAND AGRICULTURAL UNIVERSITY
ANAND**

Details regarding works executed / on hand by the contractor

- 1) Name of the firm

- 2) Partners :

- 3) Qualified staff :

- 4) Tools, plants & Equipments :

- 5) Important works :

A)	Carried out as so far	Employer Architect	Cost
B)	On hand		

- 6) Additional information if any :

- 7) Rate analysis with basic rates
of materials for major tender item :

Contractor

Executive Engineer

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DECLARATIONS

- 1) I have visited the site and fully acquainted myself with the local situation regarding materials, labour and other factors pertaining the work and study the plans and estimates before submitting this tender.
- 2) I have carefully studied the condition of contract, specifications and other documents of this work and I agree to execute the same accordingly.
- 3) I do understand that this is Government work of state Importance , I therefore, solemnly pledge that I shall be sincere in discharging my duties as responsible contractor and complete the work within the prescribed time limit. I shall submit detailed construction program with target dates for various item and stages of work keeping in view the time limit and equipments etc punctually. In case there are deviation from the construction program, I shall abide by the program and shall be arrange for labours, materials, equipments accordingly.

Signature of Contractor

**Executive Engineer
Anand Agricultural University
Anand**

Articles of Agreement made onbetween the Anand Agricultural University (here in after called the 'University') of the one part and contractors (here in after called the ('Contractor's) of the other part.

WHERE AS the University is desirous of Construction of protection wall to Girls hostel at AAU, Jabugam.

in all estimated to cost Rs.....

and has caused Rs.

drawings and specifications for the work to the done by the University and has invited tenderes and WHERE AS in response to the invitation the contractors, after having examined the plans and specification , have agreed to execute the said work subject to the conditions set forth in the schedule (Tender form filled in by contractors) attached here to, the work shown upon the said drawings and described in the said specifications and schedule B of quantities, for such sum as may be ascertained to be payable in terms of the bill of quantities.

Now it is hereby agreed as follows.

1. In considerations of the said sum to be paid at times and in the manner set forth in the said specifications, the contractor shall upon and subject to the said schedule B and specifications execute and complete the work shown upon the said drawings and described in the said schedule B of quantities and specifications.
2. The University shall pay the contractors the said sum such other sum as shall become payable here in after at times and in the manner specified in the said schedule B and specifications.
3. The said schedule B and specifications shall be read and constructed as forming part of this agreement, and the parties here to shall respectively abide by and submit themselves to the said schedule B and specifications and perform the agreement on their parts respectively in such conditions as contained therein.

4. That the contractors here by agree to complete the work of

(Name of work)

in all respect within months as per work order and explicitly agree to pay the penalty as per clause 2 to the University in the case of their failure to complete the work before the above date.

5. That the contractors here by bind themselves to carry out the above mentioned work as per schedule B and specification of the Executive Engineer of the University.

6. The contractor hold themselves entirely responsible for any defect or damage to the work during the period of the work. In case if any defect is found in the work at any time within twelve months after the completion of the said work. The contractors here by bind themselves to make good any such damage and remedy the defects, and in the case of their failure to do so the Executive Engineer to the University will have the full authority to get it

done at the contractor expenses and recover the amount payable to the contractor by the University and also from the security deposit paid by the contractor in this behalf and also from the other amount or property or assets of the contractor laying with the University.

7. That in case of any dispute between the parties, the contractors here by bind themselves to abide by the decision of the Vice Chancellor/ UCC which shall be final.
8. That the University will pay for the work done as per running bills from to time to time after due satisfaction and approval of the Executive Engineer of the University or his authorised Assistant.
9. That the contractors will pay one percent of the bill as water charge only. If water is supplied at the nearest existing source with the University's own drawing arrangements. The amount of the security deposit may be refunded at the discretion of the University on completion of twelve months from the date of completion of work.
10. In witness there of, the Executive Engineer of the University and contractor have here to respectively set their hands on the day and year first above written.

Signed & delivered by

Signed & delivered by

Executive Engineer
Anand Agricultural University
Anand

Contractor

Witness

1.....
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2.....
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