

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

**LIST OF MATERIAL TO BE USED FOR WORK :-**

Sr. no.	MATERIAL	MAKE/PLACE
1	TMT BAR	TATA TISCO, KAMDHENU, NATIONAL, GALENT, NRE, NILKANTH MAKE ONLY.
2	CEMENT	O.P.C- ONLY MAJOR PLANT- ACC, ELEPHANT, AMBUJA, SIDDHI, LOTUS, ULTRA TECH CEMENT, BINANNI CEMENT, SANGHI MAKE.
3	KAPACHI/ METAL	BLACK TRAP ONLY
4	SAND	SANKHEDA/BADALPUR/BODELI ONLY
5	POLISH KOTAH	GREEN COLOUR ONLY
6	VITRIFIED/ CERAMIC/ GLAZE TILES	AS PER TENDER ITEM
7	PLUMBING SANITARY	AS PER TENDER ITEM

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

Contractor's sign

Executive Engineer

# TENDER

Name of work:- *Renovation of Gents toilet in EE office at AAU, Anand.*

**Employer: -** : Anand Agricultural University  
Anand

**Site: -** : Anand Agricultural University  
Anand

## **SPECIFICATIONS**

NOTE: The various items of works shall be carried out in general as per relevant I.S. Specifications and that of the latest edition of P.W.D. Handbook Volume I & II along with the following specifications. Where there is construction between the following specifications and shall given in matters of inter-pretation etc. The decision of the Engineer/Architect shall be final and binding on the Contractor.

### **PRELIMINARIES :**

1. The contractor is not allowed for execution any work, which in the Engineer/Architect opinion, is likely to cause any annoyance to occupants in the vicinity, at such time the architect may direct.
2. All treasure crove, coins or objects of antiquity which may be found on the site shall be handed over to the employer.
3. The contractor shall delivery daily to the Engineer-in-charge of works report as to the number of operative employed in all trades and deliver notes for all materials delivered to the site.
4. The contractor is to provide, at all times during the progress of the works and the maintenance period proper means of access, with loaders, gangways etc. The necessary attendance to move and adopt as directed for the inspection of measurement of the works by the Architects, Consulting Engineers, Structural Engineers and employer or their authorized representatives.
5. The contractor is to allow for general attendance upon sub-contractors, including the free use of plant and scaffolding (and the provision of any special scaffolding required) and is to allow their operatives the use of latrines, water closets, mess rooms, and sheds covered space for plant, storage of materials etc. and a look up shop for each.
6. The contractor is to act out any level the works and will be responsible for the accuracy of same. He is to provide all instruments and attendance required by the Architects, Consulting Engineers, Structural Engineers and Employer or their authorized representatives for checking their work.
7. The contractor is to cover up and protect the works from the weather and is to suspend all "SET" operations during weather which in the Engineer/Architects opinion will be detrimental to the work.
8. The contractor is to allow for a general foreman to be a constantly on the works through out the period of their execution and for supervision as required under the conditions of the contract.
9. The contractor shall provide, erect and maintain proper sheds 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, erect and maintain proper sheds, mess rooms for the operative with adequate lighting attendance etc.
11. The contractor shall provide and erect in approved positions all necessary sanitary convenience with the rules and regulations of the Municipality/local authority and maintain in a clean and orderly condition etc.
12. The contractor shall provide, erect and maintain on site office for the general fireman with desk drawers etc. and adequate lighting and attendance etc.
- 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 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 Incharge /stating clearly the item of work place of its making etc. If the said application is rejected by the Engineer incharge 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 sthe 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:

**GENEARAL SPECIFICATIONS :**

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.

## **Specification No.2**

### **Item No.:**

**Providing and fixing P.V.C. Nahni Supreme Trap of 75mm dia. inlet & 75 mm dia. outlet nominal diameter of self cleaning design with P.V.C. greeting zali 100mmx100mm in size including fixing P.V.C. reducer & rubber paking ring of 110mm dia. to 75mm dia. & jointing with adhesive solvent cement iincluding cost of cutting & making good the walls & floor etc.. complete as directed by E.I.C.**

#### **1.0 Material :**

- P.V.C. Nahni trap shall be of best approved quality such as PRINCE or equivalent make.
- P.V.C. solvent cement/adhesive shall be of best quality and approved make.

#### **2.0 Workmanship :**

Item shall be carried out in general as per given drawing-design and instruction of concern Architect/Engineer. Nahni trap shall be fitted in true line and level and slope and all the joints shall be fitted with proper adhesive solution with sufficient quantity. All the joints shall be kept open and shall be tested for no leakage.

#### **3.0 Mode of Measurement & Payment :**

Rate for item includes all the required materials, labours, tools, plants, machinery etc. involves for satisfactory completion of job.

Item shall be measured and paid on No. basis.

## ANNEXTURE – ‘A’

Rates of different materials @ site required for the execution of work as per specification & wages of labour to engaged for the satisfactory completion of the work as per detailed specification.

A) For Labour	Category	Rate/Unit
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1) Skilled labour	Makardam Mistry Grade-I Meason Grade-I Carpenter Grade-I Plumber Grade-I Blacksmith Grade-I Wireman Grade-I Any other, if required	
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2) Semi skilled labour	Bhisti Mason Grade-II Carpenter Grade-II Plumber Grade-II Wireman Grade-II Blacksmith Grade-II Any other, if required	
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3) Unskilled labour	Male helper Female helper	
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B) For Materials :

Materials	Units	Rate/Units	Lead in Kms.
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1) Cement	M.tonne		
2) Tor Steel	M.tonne		
3) Mild Steel	M.tonne		
4) Conventional bricks	1000 Nos.		
5) Course sand	Cumt.		
6) Fine Sand	Cumt.		
7) Kapachi 12mm to 20mm	Cumt.		
8) Teak wood finished size	Cumt.		
9) Mosaic tiles for flooring	Smt.		
10) Mosaic Tiles for skirting	Smt.		
11) Single side polished M.C. Kota.... thick for flooring	Sqmt.		
12) Single side polished kota Stone ..... thick for dedo	Sqmt.		
13) Double side polished kota Stone .... thick	Sqmt.		
14) Figured glass .... mm thick C for clear required sizes	Sqmt.		
15) Galvanised pipe of medium size i.e. from 15mm to 40mm dia.	Rmt.		

16) Any other major Item, if required for the work			
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Signature of Contractor

**ANAND AGRICULTURAL UNIVERSITY  
ANAND**

**Details regarding works executed / On hand due Contractor**

1. Name of the Firm :
2. Partners :
3. Qualified Staff :
4. Tools Plant and Equipments :
5. Important Works :
  - (A) Carried out as so far :
  - (B) On Hand : Employer / Architect Cost
6. Additional Information if any :
7. **Rate Analysis with basic rates of** :  
Materials for major tender items

Contractor Sign

Date :

Place :

Executive Engineer  
Anand Agricultural University  
Anand