# ARULMIGU ARANGANATAHSWAMYTHIRUKOIL, SINGAVARAM, GINGEE TK, VILLUPURAM DT. <u>TENDER NOTICE.</u>

Sealed Tenders in prescribed form from the PWDIst&IIndclass registered contractors of TamilnaduGovernment with money limit not less than the estimate amount noted below (copy of Registration of contract to be enclosed) will be received for the work **Proposed Construction of (27T,13B,3C)Toilet Block with Septic tank SR NO 9-4 to ArulmiguAranganathaswamyThirukoil, Singavaram, GingeeTk, Villupuram Dt.**by the Executive Officer/Asst Commissioner on 19.04.2022upto 01.30 Noon.

Estimate Cost Rs :-71,30,000/-

Contract Value Rs :-70,29,892/-

- 1. The tender will be opened at 03.00 PM on 19.04.2022by the Executive Officer/AsstCommissioner in the presence of such tenders their authorized Agents who may be present at that time.
- 2. Earnest money Deposit of Rs46,000.00 (Rupees Forty Six thousandonly) Should be paid in the temple office itself and its receipt should be enclosed along with the tender and the tender received without the receipt for payment of EMD shell be rejected.
- 3. Tender document can be had from the Asst Commissioner/Executive Officer, Arulmigu Angalamman Thirukoil, Melmalayanur Town & Taluk, Villupuram District. office up 18.04.2022 at 5:45 PM on payment of Rs 15,000-00 (Rupees Fifteen thousand only) + GST 18% of Schedule cost on requisition along with copy of the registration of contract and money limit.
- 4. The temple authorities have right to reject or accept any or all. Tender without assigning reasons therefor E.M.D will be refunded to unsuccessful bidders only after the tender for the work is settled and agreement executed.
- 5. If and when considered necessary by the Department, AdditionalSecurity deposit will be collected from the approved tenderer at the specified time.
- 6. The period of completion of work will be **Nine** months from the date of handing over the site.
- 7. Delay in execution on the part of the contractor will be dealt with by penalizing him with a fine if proper reasons are not assigned for the delay.
- 8. E.M.D and Additional Security Deposit (ASD) will not be returned with any interest.
- 9. E.M.D and A.S.D will be returned to the successful tenders normally after Satisfactory completion of works and after audit for this work. Further information required may be obtained from the Executive Officer of the above temple during officer hours.

Date:02/04/2022 Place: Singavaram

Signature of Contractor No of CorrectionAsst Commissioner/Executive officer No of Overwriting

#### **SCHEDULE-A**

#### **SCHEDULE OF RATES AND APPROXIMATE QUANTITIES**

- a) The quantities given are those upon which the lump sum tender cost of the work is based, but they are subject to alterations, omissions or additions which are provided for in the condition of the Contract and do not necessarily show the actual quantities of work to be done, The unit rates noted below are these governing payment for extras of deductions or omissions according preliminary Specifications of the Standard Specifications as per approved government tender conditions and other conditions of specifications of this contract.
- b) It is to be especially understood the measured work is to be taken not (not withstanding any caution or practice to the contrary) according to the actual quantities when in place and finished according to the drawing as may be ordered from time to time by the Officer In charge and that the caused calculated by measurement or weight at the respectively prices without any additional carriages for any necessary of contingent works connected therewith, the rates quoted are for works in site and complete in every respect.

#### **TENDER NOTICE**

NAME OF THE WORK: Proposed Construction of (27T,13B,3C)Toilet Block with Septic tank SR NO 9-4 to ArulmiguAranganathaswamyThirukoil,

Singavaram, GingeeTk, Villupuram Dt.

To.

Asst Commissioner/Executive Officer, ArulmiguAranganathaswamyThirukoil, Singavaram, GingeeTk, Villupuram Dt.

Sir,

I / We do hereby tender and, if this tender be accepted under take to execute the following works (viz) and more fully described in he schedule hereto as shown in the drawing and described in the specification deposited in the office of the institution with much variations by way of alterations of additions to and omission from the said works and method of payment as are provided for in the condition of contract for the sum of **Rupees 70.30 lakhs** (Mentioned in the Schedule ) or such other sum as may be a arrived at under the clause of the standard preliminary specifications relating to "Payment on lump sum basis" or by final measurement at unit prices.

I/We have also completed the priced list of items in the schedule 'A' annexure (in words and figures) for which I/We agree to execute the work when the lump sum payment under the terms of the agreements is varied by payment on measured quantities. I/We hereby distinctly and expressly declare and acknowledge, before the submission of my/our tenders, we have carefully followed the instructions in the Tender

Notice and have read the TNBP and the preliminary specifications therein, and that I/We have such examination of the contract documents specification and quantities and of the location where the said work is to be done and in regard to the materials required to be furnished as to enable me/us to thoroughly understand the intentions of the same and the requirements, covenants, agreements Stipulations and restriction contained in the sum of **Rupees 46,000.00**(to be entered in words and figures) as earnest money not be bear interest. If /our tender is not accepted the sum shall be returned to me as on my/our application when intimation is sent me/us of rejection or at the expiration of four months from the date of this tender whichever is earlier.

If my/our tender is accepted the earnest money shall be retained by the institutions as security for the due fulfillment of the contract If upon written intimation to me/us by the office of the Trustee/board of Trustees or if upon intimation is being given to me us by the Trustee Board of Trustees of the institutions or acceptance by the Trustee/Board of Trustee or competent authority etc., of my our tender I / We fail to make an additional security deposit or to enter in to the required agreement as defined in paragraphs of the tender notice then I / We agree to the forfeiture of the earnest money. Any notice required to be served on me/us hereunder shall be sufficiently served on my us if delivered to me / us personally or forwarded to me / us by post (Registered or ordinary ) or left at my /our address given herein such notice shall if sent by post be deemed to have been served on me / us at the address to which it is sent. I / We fully understand that the written agreement to be entered into between me/us and institution shall be the foundation of the rights of both the parties and the contractor shall not be deemed to be complete until the agreement is first singed be me us and then by the Executive Officer of the temple.

I am/ We are professionally qualified and my our qualification are given below

Name

Qualification

I / We employ the following technical staff for supervision of the work and will see the one of them is always at the site during working hours personally checking all items of work and paying extra attention to such works as required special attention (cg) reinforced concrete work.

Qualification

Name of the members of technical staff Proposed to be employed

- **Note:-** (a) the Last to clause as should be scored out if the cost of the work involved is less than Rs. 10,000/-.
  - (b) The tenderer should be scored out the last clause or the penultimate according as they are themselves professionally qualified or undertake to employ technical staff under them.

1. Tenders will be received by the Asst Commissioner/Executive Officer, Arulmigu Aranganathaswamy Thirukoil, Singavaram, Gingee Tk, Villupuram Dt.

Tender should be in the prescribed form obtainable from the office of the Asst Commissioner/Executive Officer office, Arulmigu Angalamman Thirukoil, Melmalayanur Town & Tk, Villupuram Dton all working day during the office hoursupto 18.04.2022.

This tender will be opened at the Asst Commissioner/Executive Officer, Arulmigu Angalamman Thirukoil, Melmalayanur Town & Tk, Villupuram Dt

The tender of their authorized agent are expected to be present at the time of opening tenders. The tender receiving officer will, on opening each tender prepare a statement of attested and unattested corrections therein and hand it ever to the tenderers concerned and initial of all such corrections in the presence of the tenderers. If any of the tenderer of their agents finds I inconvenient to be present the time when in such a case if inconvenient to be the tender receiving officer will, on opening the tender of the obsentee tenderer make out a statement of the unattested corrections and communicate of the corrections without any question whatsoever.tender must be submitted in a sealed cover and should be addressed to the Executive Officer of the temple.

The tenderer and the name of the work being noted on the cover.

- 1. If the tender is made be an individual if shall be signed and his full name of and his address shall be given. If it is made by firm shall be signed with the firm name by a member of the firm shall be given. If the tender is made by a corporation it shall be signed by dully authorized officers who shall produce with his tender, satisfactory evidence of his authorization. Such tendering corporation may be required before the contract is executed to furnish evidence of its corporate existence.
- 2. Each tendered must also send a certificate of Income Tax verification from the appropriate Income tax authority in the form prescribed therefore. This certificate will be valid for one year from the date of issue for all the tenders submitted during period.

In the case of proprietary of partnership firm it will be necessary to produce the certificate before mentioned for the properties and for each of the partners and the case may be.

If the tendered is registered contractor and if a certificate for the current year has already been produced during the calendar year in which tender is made it will be sufficient if particulars regarding the previous occasion on which the said Certificate was produced are given.

3. Each Tenderer must pay as earnest money as sum prescribed in cash in the above said office and attach the receipt with the tender. The earnest money will be retained in the case of successful tenderer and will not carry any interest. It will be dealt with as provided for in the conditions attach to the tender.

Signature of Contractor

4. when the tender is to be accepted the tenderer whose tender is under considerations all attend the Inspector office on the date fixed in the written intimation sent to him. He shall forthwith upon intimation being given to him by the Executive Officer of acceptance of his tender make a security deposit. Rs46,000.00 or such other sum as will be intimated to his on acceptance in one of the forms prescribed by the HR&CE code and sign and agreement in the proper department form for due fulfillment of the contrast. This security deposit together with EMD and the amount with-held according to clause 68 to TNBP shall be retained as security for the fulfillment of the contract. If upon written intimation to the successful tendered by the Executive Officer, the tenderer fails to attend the said office before specified date on such intimation to tentered the tender will not be considered upon, intimation being given to the successful tenderer by the Executive Officer of the Temple.

Acceptance by his tenders or the tenderer fails to make the additional Security deposit to enter in the referred agreement in clause. II of the tender notice the earnest money shall be forfeited. The written agreement to be entered into between the contractor and the temple shell be foundation of the rights of both parties and the contract shall not be seeded to be complete until the agreements has first been signed by the contractor and then by the proper officer authorized to enter into contracts on behalf of the temple.

For items of works in buildings and structures not covered by the specifications relevant items for TNBP an amended from time to time shall apply.

A copy of these contract document can also be had on payment of Rs. 15,000 + 18% of GST on schedule cost per set (including surcharges).

5. The tenders shall examine closely the TNBP and also standard preliminary specification contained therein before submitting his tender for unit rate which shall be for finished work in site. He shall be also carefully study he drawings and descriptive specifications supplementing schedule. and all documents which form part of the agreement to be entered into by accepted tenderer.

The TNBP and other documents connected with the contract as specifications, plans descriptive specifications sheets regarding materials etc., can be seen at office hours and office day in the office of Asst Commissioner/Executive Officer, Arulmigu Angalamman Thirukoil, Melmalayanur Town & Tk, Villupuram Dt.

The tenderer attention is directed to the requirement for materials under the class materials and workmanship for the preliminary specification. Materials conforming to the British standard specification of the Indian Standard specification and Indian Road congress shall be used on the work and the tenderer shall quote his rate accordingly.

7. Every tenderer is expected before quoting his rate to in aspect the sit of the proposed work. He should also inspect the quarries, and satisfy himself about the quality and availability of materials, the names of quarries, kilns etc., wherefrom certain materials are to be obtained will be given in the load particulars.

The Best class of materials to be obtained from the quarries or other source defined shall be used on the work in every case. The materials must comply with the relevant standard specification samples and materials as called for the standard specification samples and materials as called for the standard specifications or in their tender notice or as required by the Executive Officer approval before the supply to the site work is begun.

If the contractor after examination of the source of materials defined in the schedule "C" is of opinion that materials complying with standard or other specification of the contract cannot be obtained in quality of sufficient quantity from the source defined in the descriptive specification sheet. He shall so state clearly in his tender and state where from he intends to obtain materials subject to the approval of the Executive Officer of the temple.

The Executive Officer, will not however, after acceptance of contract rates, pay any extra charge for lead or for any other reason in case the contractor is found later on to have misjudged the quality or quantity of materials available. Attention of the contractor is directed to the standard preliminary specification regarding payment of seinorage tools etc.,

8. The tenders particulars attention is drawn to the seating and clauses in the standard preliminary specification dealing with

### 1. Delays.

## 2. Particulars of payments

The tenders should closely peruse all the specification clauses which govern the rates for which he is tendering

9. A Schedule of quantities accompanies this tender notice, I shall definitely be under stood that the Thirukoil concern does not accept any responsibility for the correctness or completeness of the schedule and that this schedule is liable to alternation or omission deductions or additions at the discretion of the Executive Officer or as set forth in the condition of contract. The tenderer will however base his lump sum tender on his schedule of quantities. He should quote specification rates for each item in the schedule and the rate should be in rupees and paise and should be written both in works and in figures and the units in words. The tenderer should also show the total of each item and the grand total of the whole contract and quote in the tender a lump sum for which he will undertake to do the whole work subject to the condition of contract such lumpsum agreement agreeing with the total of schedule. This tender schedule accompanying the lump sum tender shall be written legibly and free from erasure or overwriting of conversions of figurer's corrections where unavailable should be made by crossing out initialing dating and rewritings.

#### TENDERS NOT ADMITTED IN PROPER FORM OR IN DUE TIME WILL BE REJECTED

10. Tender offering a percentage deduction form or increase on the estimate mount and those not submitted in proper from or in due time will be rejected; Rates and lump sum amounts for items not called for shall not be included in the tender. No alteration which is made by the tenderer in the contract from, the condition of contract, the drawings, specifications or quantities accompanying the same will be recognized and if any such alteration are made, the tender will be void.

11. Tenderer should work out his own rates without reference being made to the public works Department current schedule of rates or Highways department Schedule of rates which are not open for inspection by tenders.

The lease at which and the source from which certain particulars materials shall be obtained by the contractor are given at the schedule accompanying the tender forms. Tenderer must accept the materials at these leads and shall quote their price for finished work accordingly.

Not with standing any subsequent charge in the market value for these materials, the rate quote by the contractor will remain as originally entered in the written contract. No cartage or incidental charges will be borne by Thirukoil concern in connection with this supply.

12. The attention of the tenderer is directed to the contract requirement as to the time of beginning the work, the rate of progress and the date for the completion of the whole work and its several parts.

The following rate of progress and proportionate value of work done form time to time and will he indicated by the Executive Officer certificate of the Value of work done. will be required. Date of commencement of this programme will be the date of which the site or promises is handed over to the Work

#### RATE OF PROGRESS

Period after the date Of commencement

percentage of Contract value.

**Physical** 

I st Month

**IInd Month** 

**IIIrd Month** 

IVth Month

Vth Month

VIth Month

VIIth Month

VIIIth Month

IXth Month

AS SPECIFIED IN THE TENDER SCHEDULE "B"

- 13. No part of the contract shall be sublet without written permission of the Executive Officer not shall transfer be made by power of attorney authorizing others to receive payment on contractor's behalf.
- 14. A) If further necessary information is required, to the Executive Officer will furnish such information but is must be clearly understood that the tender must be received in order and according to instructions.
- (b) It is to be expressly understood that the measured work is to be taken net (not withstanding any practice or custom of the contrary) according to the drawings or as may be ordered from the time to time by the Fit Person and the cost calculated at the respective unit price without any additional changes for any necessary contingent works connected therewith.
- 15. Fit Person of the temple or other sanctioning authority reserves the right to reject any tender or all the tenders without assigning any reasons therefore as set forth in rule 23 of the rules under section 116(2), (XII).XVIII. XIX AND XXII of the madras HR&CE Act., 1959

Tenders who have not already resisted themselves as a contractor should furnish evidence of their records and capacity of the work.

The tenders submitting a quotation which the tender accepting authority considers excessive and of indicative of insufficient knowledge of current prices or definite attempt at profiteering will render himself liable to be debarred permanently from tendering or for such period as the tender accepting authority any decide. The tender rates should be based on the controlled price under the provision of clause of the hoarding and profiteering preventive ordinance 1943 assamended from time to time and similar principles in regard to labour and supervision in the constructions.

The tender of the contractor who agrees to enjoy the maximum number of Ex-servicemen, extoddy toppers and unemployed agriculture labourers. (Number to be notified in the tender) will receive preferential consideration. The tenderes are requested to report on this in their covering letter.

The contractors shall make their own arrangement for all tools and plan required for the execution of the work

Signature of Contractor

No of CorrectionAsst Commissioner/Executive officer No of Overwriting Name of Temple :-ArulmiguAranganathaswamyThirukoil, Singavaram, GingeeTk, Villupuram Dt.

Name of work :-

Proposed Construction of (27T,13B,3C)Toilet Block with Septic tank SR

NO 9-4

#### **SCHEDULED SPECIAL CONDITIONS STATEMENT**

- 1. All materials including cement and steel shell be purchased by the contractor at his own cost
- 2. Cement and steel purchased the contractor must be in good condition conforming to IS specification and necessary Test should be conducted for all required materials at his own cost as directed by Deportment Engineers.
- 3. No extra for water will be paid for any of the items and rates should be inclusive of all and the Contractors should make his own arrangements for the supply of water for the work only the water fir to drink should be used.
- 4. Proper curing should be done for masonry work concrete and RCC works as per the instructions Contained in T.N.D.S.S for which name extra payment will be made. If the contractor fails to do curing or does not do curing properly, Payment for the mazdoors will be recovered from bill.
- 5. The Contractors should make his own arrangements for all tools and plants such as concrete mixer etc. required for the work.
- 6. The contractors shall arrange to store the material sufficiently in large quantities to ensure non stoppage of work. He shell be responsible for the proper storage and preservations of the materials in good condition
- 7. As soon as the contract is accepted the contractor should give a programs of work which proposed to adopt for exemption is conformity with the rate of progress specified
- 8. The contractor who has undertaken to employ the Technical Assistant should see that the technical assistant is always of the site of work during working hours personally checking all items of works and paying extra attention of such pf items which required special attention (viz) concrete and RCC works, as per norms fixed by the Government according to value of the contract.
- 9. The contractor should be liable to pay a penalty of n0t exceeding 1% of the estimate value of work for the employment of technical staff) The technical staff employment by the contractor for this works should be an Engineering graduate in Civil Engineering or a retired Assistant Divisional Engineer or a retired Executive Engineer according to norms. The Decision of Commissioner in fixing the quantum of penalty under this clause is final.
- 10. The contractor should return the furniture's if not double the marked cost of such materials will be recovered from the contractor No extra for fixing the furniture will be paid since rate for supply of doors and windows are inclusively of labour charges for fixing charges for fixing furniture in position.

# **TENDER SCHEDULE**

# NAME OF THE WORK: Proposed Construction of (27T,13B,3C)Toilet Block with Septic tank SR NO 9-4 to ArulmiguAranganathaswamyThirukoil, Singavaram, GingeeTk, Villupuram Dt.

Contract Value Rs.70,29,892/- EMD Rs. 46,000/- Date of Tender: 19.04.2022 Time for completion: 9 months

| N<br>o | Qty    |     | Description of work  | TNBSS<br>NO | UNIT | Rate in<br>Figure | Rate in Words |
|--------|--------|-----|--|-------------|------|-------------------|---------------|
| 1      | 251.00 | Cum | Earth Work excavation for foundation in all soil and sub soils & to full depth including etc., complete as per std specification   |             | Cum  |                   |               |
| 2      | 170.00 | Cum | Filling with foundation trenches and basement with filling Msand as leveling course including watering and consolidation etc., complete as per std specification   |             | Cum  |                   |               |
| 3      | 51.00  | Cum | Plain cement concrete 1:5:10 (One cement, five sand and ten hard broken granite stone jelly) using 40mm HBG metel as foundation concrete including dewatering wherever necessary and laid in layers of not more than 15cm. thick complying with std specification. |             | Cum  |                   |               |

Providing and laying in position, Standardised Concrete Mix M20 Grade in accordance with IS 456:2000 using 20mm and down graded hard broken granite stone jelly for all rcc works with minimumm cement content 325Kg/m3 and maximum ratio 0.55, including water cement admixture(plasticiser/super plasticiser) in recommanded proportions as per IS 9103 to acclerate, retard setting of concrete, improve workability with out i paring strength and durability with about (5 cum) 7730 Kg of 20mm machine crushed stone jelly and with about (3.3 Cum) 5156 Kg of 10 12mm machine crushed stone jelly and with about (4.79cum) 7670 Kg of sand, but excluding cost of reinforcement grill and fabrication charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing etc and providing fixtures like fan clamps in RCC floor/ roof slabs wherver necessary without claming extra complete complying std specification and also directed by departmental officers. The coarse and fine aggregates to be used should comply with requirements of IS standards(No Seperate payment will be made by the department for excess usage of materilas).

|   | 35.00  | Cum | a)For foundation and basement   | C  | ım  |
|---|--------|-----|---|----|-----|
|   | 46.00  | Cum | b)Super Structure   | C  | um  |
| 5 |        |     | Brick work in cement mortar 1:5 (one cement and five sand) using country bricks of size 8 <sup>3</sup> / <sub>4</sub> "x 4 1/4"x2 <sup>1</sup> / <sub>4</sub> " including curing, scaffolding etc. complete complying with std.                                       |    |     |
|   |        |     | specification.  |    |     |
|   | 52.00  | Cum | For foundation and basement   | C  | um  |
|   | 48.00  | Cum | For super structure(Ground Floor)   | C  | ım  |
| 6 | 28.00  | Cum | Brick work in cement mortar 1:4 (one cement and four sand) using country bricks of size 8 3/4"x 4 1/4"x2 1/4" including curing, scaffolding etc. complete complying with std. specification.  | C  | um  |
| 7 | 200.00 | Sqm | Brick partition wall of 115mm thickness in cm 1:3 using country bricks of size 8 <sup>3</sup> / <sub>4</sub> "x 4 1/4"x2 <sup>1</sup> / <sub>4</sub> " including plastering with cm 1:5 12 thick curing, scaffolding etc. complete complying with std. specification. | Se | ılm |
| 8 | 10.00  | Mt  | Supplying, Fabrication and placing in position of M.S. or RTS rods reinforcement grill in position for all RCC works including cost of steel rods and binding wire etc., complete   | N  | At  |

| 9  |        |     | Centering for soffits of reinforced cement concrete slabs, plain surface including strutting 3 meter height using MS plates of size 90cmx60cm and 10 gauge stiffen and with welded mild steel angles of size 25x25x3mm laid over silver oak (Country wood) |     |  |
|----|--------|-----|--|-----|--|
|    | 97.00  | Sqm | a)For column   | Sqm |  |
|    | 175.00 | Sqm | b)Grade beam   | Sqm |  |
|    | 310.00 | Sqm | c)For plain surfaces such as RCC slab & beam   | Sqm |  |
| 10 | 650.00 | Sqm | Plastering with cement mortar 1: 5 (one cement and five sand) 12mm thick including curing etc., complete as per std specifications   | Sqm |  |
| 11 | 156.00 | Sqm | Plastering with cement mortar 1: 3 (one cement and three sand) 12mm thick including curing etc., complete as per std specifications  | Sqm |  |
| 12 | 410.00 | Sqm | Special Plastering with cement mortar 1: 3 (one cement and three sand) 10mm thick including curing etc., complete as per std specifications  | Sqm |  |

| 13 | 585.00 | Sqm | Supplying & Fixing in colour glazed tiles of 300X200X6 mm size of including pointing with cm 1:2 etc as directed by dept officers.,                                      | S | Sqm  |  |  |
|----|--------|-----|--|---|------|--|--|
| 14 | 175.00 | Sqm | Supplying & Fixing in colour ceramic floor tiles (Anti skid)of size 305X305X6mm in cm 1:3, 20mm thick including labourete as directed by dept officers.,                 | S | Sqm  |  |  |
| 15 | 480.00 | Sqm | Painting two coats over the new plastered surface with cement paint including the labour and materials charges etc complete complying the stdspeicification              | S | Sqm  |  |  |
| 16 | 14.00  | Nos | Supplying and fixing of IWC of size 20"(580x440) with necessary traps, foot rest, concrete in brick jelly with lime and top rough receive ceramic tiles etc all complete | F | Each |  |  |
| 17 | 13.00  | Nos | Supplying and fixing in position colour glazed floor europen water closet of best quality complete std specification.,   | E | Each |  |  |

| 18 | 75.00  | Sqm     | Manufacturing, Supplying and fixing of steel doors with following specification. MS angle of size 40X40X6mm at 3.5kg/m used for outer frame and MS angle of size 35X35X5mm at 2.6 kg/m for the shutter | Sq  | m  |
|----|--------|---------|--|-----|----|
| 19 | 13.00  | Sqm     | Supplying and fixing the UPVC Ventilator for the all toilets including the all labour charges for fixing in position etc complete the std specification.,  | Sq  | m  |
| 20 |        |         | Construction of the inspection of chamber of different size using bw cm 1:5 and plastering 1:3 works including the labours complete complying with std specification etc.,                             |     |    |
|    | 12.00  | Nos     | Size of 60X60X75   | Eac | ch |
| 21 |        |         | Supplying and fixing of the following pvc pipes and specials of best and approved brand quality etc all complete as per standard and specifications  |     |    |
|    | 200.00 | RM<br>T | A)110mm dia  | RM  | 1T |
|    | 50.00  | RM<br>T | B)50mm dia   | RM  | 1T |

| 22 | 2.00   | Nos | Supplying and fixing PVC ventilating shaft of 110mm dia (having working pressure 4 kg. / sq.cm) with 3 metre height including cost of PVC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental officers.  | Each |  |
|----|--------|-----|--|------|--|
| 23 | 200.00 | Sqm | Finishing the top of roof with one course of machine pressed tiles of size 200mm x 200mm x 20mm of approved quality set in cement mortar 1:3, 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed withred oxide and water, proofing compound including curing etc., complete complying with standard specification and as directed by the departmental officers. | Sqm  |  |
| 24 | 1.00   | Nos | Supply and fixing of 3 phase 32A fuse unit(500 V) on suitable MS sheet covered with 60mm thick hylem sheet on suitable angle iron work the tapping pole with necessary clamp   | Each |  |

| 25 | 85.00 | Nos | Wiring with 2X1.5 sqmm(22/0.3) PVC inslutatedsc unsheathed Cu conductor of 1100 V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A ft switch with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with | Each |  |
|----|-------|-----|--|------|--|
|    |       |     | suitable colour. for pvc concealed light point / fan point.(for electronic regulator)  |      |  |
| 26 | 40.00 | Nos | Supply and fixing of single box type 4'40W fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from terminals to the fitting with tube   | Each |  |
| 27 | 40.00 | Nos | Supply and fixing of 4'40W twin box type fluorescent fitting complete with copper choke and condensor with TW round block on wall or ceiling with tubes and PVC unsheathed copper leads from terminal to the fitting with fluorescent tubes  | Each |  |
| 28 | 5.00  | Nos | Supplying and fixing of WT bluk head fitting with guard (Philips/Bajaj/Crompton/K.Lite) suitable for 11W CFL Lamp with CFl directed by the departmental officers   | Each |  |

| 29 | 20.00 | Rmt | Supply and fixing run of 4X6 Sqmm(84/0.3) PVC inslutated SC unsheathed Cu.conductor of 1100 V on 7/20GI bearer wire for service connection mains  | 1 | Each |  |  |
|----|-------|-----|---|---|------|--|--|
| 30 | 10.00 | Nos | Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type swith concealed in suitable MS box in flush with wall and concealed with 3mm thick hylem sheet.  |   | Each |  |  |
| 31 | 1.00  | Nos | Earthen as per P.W.D standard with an earth electrode of 2 Mtr class 'B' GI pipe of dia not less than 32mm complete with necessary masonry work.  |   | Each |  |  |
| 32 | 5.00  | Rmt | Supply and run of 18 SWG GI wire for earth connection   |   | Rmt  |  |  |
| 33 | 1.00  | Nos | Supplying and fixing of TNEB meter board suitable for 32A three phase service cnnectionwith 32 A fuse unit (500V) 32A neutral link and earthen link(1"X1/8" copper flat) on TW plank of size (375X300X19mm) with supporting TW reepers of 1" thick an either side with painting with suitable bolt and nuts for fixing the TW planks on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit. |   | Each |  |  |

|     |        |     | Supplying laying and jointing U.P.V.C pipes (SCH-80) of          |    |     |  |
|-----|--------|-----|--|----|-----|--|
|     |        |     | approved quality and best variety conforming to I.S.S and with   |    |     |  |
|     |        |     | I.S.I mark, of the following sizes including cutting and fixing  |    |     |  |
|     |        |     | to PVC specials using Adhesive but excluding cost of such        |    |     |  |
| 34  |        |     | specials and fixing to wall with necessary teak - Wood           |    |     |  |
|     |        |     | Plugs,PVC Clamps and screws,making good the dismantled           |    |     |  |
|     |        |     | portions to original condition with necessary brick work and     |    |     |  |
|     |        |     | plastering wherever necessary with necessary scaffolding         |    |     |  |
|     |        |     | charges. Above ground level upto 4 m height.                     |    |     |  |
|     | 20.00  | Rmt | a)32mm dia   | R  | mt  |  |
|     | 120.00 | Rmt | b)25mm dia   | R  | mt  |  |
|     | 56.00  | Rmt | C)20mm dia   | R  | mt  |  |
|     |        |     | Supplying and fixing of Brass Chromium Plated screw down         |    |     |  |
|     |        |     | tap heavy tyoe 20mm dia of approved make conforming to           |    |     |  |
| 2.5 | 00.00  | M   | I.S.specifications and quality including cost of shellac, thread | E  | 1.  |  |
| 35  | 90.00  | Nos | etc.complying with standard specifications and including         | Ea | ach |  |
|     |        |     | cutting and threading wherever necessary (Taps should be got     |    |     |  |
|     |        |     | approved by the executive Engineer before use on the work.       |    |     |  |

|    |       |     | Supplying laying and jointing U.P.V.C Specials of approved   |      |  |
|----|-------|-----|--|------|--|
|    |       |     | quality and best variety conforming to I.S.S and with I.S.I  |      |  |
|    |       |     | mark, of the following sizes including cutting and fixing to |      |  |
|    |       |     | PVC specials using Adhesive but excluding cost of such       |      |  |
| 36 |       |     | specials and fixing to wall with necessary teak - Wood       |      |  |
|    |       |     | Plugs,PVC Clamps and screws,making good the dismantled       |      |  |
|    |       |     | portions to original condition with necessary brick work and |      |  |
|    |       |     | plastering wherever necessary with necessary scaffolding     |      |  |
|    |       |     | charges. Above ground level upto 4 m height.                 |      |  |
|    | 15.00 | Nos | 32mm dia UPVC Union  | Each |  |
|    | 15.00 | Nos | 25mm dia UPVC Union  | Each |  |
|    | 15.00 | Nos | 32mm dia UPVC Coupling                                       | Each |  |
|    | 15.00 | Nos | 25mm dia UPVC Coupling                                       | Each |  |
|    | 15.00 | Nos | 32mm dia UPVC Tee  | Each |  |
|    | 15.00 | Nos | 25mm dia UPVC Tee  | Each |  |
|    | 15.00 | Nos | 32mm dia UPVC Elbow  | Each |  |
|    | 15.00 | Nos | 25mm dia UPVC Elbow  | Each |  |
|    | 2.00  | Nos | a)32mm dia ball valve  | Each |  |
|    | 2.00  | Nos | b)25mm dia ball valve  | Each |  |

| 37 | 2,000.0 | Ltr | Supplying and fixing of PVC water tank of 1000 ltrs of capacity etc complete the stds specification.  | Ltr  |  |
|----|---------|-----|---|------|--|
| 38 | 6.00    | Nos | Supply & fixing of Lipped Mouth Porcelin Flat Back Urinal with all accessories such as 32mm dia Bell mouth PVC connection, 15mm dia G.M. wheel value, 15mm dia 'B' Class G.I. waste water pipe, 15mm dia nylon connection, 15 mm dia brass nipple etc., | Each |  |
| 40 | 40.00   | Sqm | Granolithic flooring 25mm thick Cement concrete 1:2:4 mix using 10-12mm ISS metal including cost and conveyance of all materials to site and all labour charges for mixing,laying and curing etc complete   | Sqm  |  |
| 41 | 46.00   | Sqm | Flooring wih hydraulically pressed anti skid concrete lite 20mm thick etc cm 1:3 20mm thick etccmplete.,  | Sqm  |  |

|    |       |     | Manufacturing, Supplying and Fixing of Stainless Steel Hand      |     |  |  |
|----|-------|-----|--|-----|--|--|
|    |       |     | rails for staircase using 50mm dia 304L Grade Stainless Steel    |     |  |  |
|    |       |     | pipe of 1.60mm thick at required locations to a height of        |     |  |  |
|    |       |     | 900mm from finished floor level welded to 38mm dia Stainless     |     |  |  |
|    |       |     | Steel pipe post of 1.00mm thick as vertical at 900mm centre      |     |  |  |
| 42 | 20.00 | Sqm | with 2 Nos. of 25mm dia intermediate horizontal stainless steel  | Sqm |  |  |
|    |       |     | pipe of 1.60mm thick in between. The vertical pipe has to be     | _   |  |  |
|    |       |     | welded to the 100 X 100 X 6mm MS base plate encased in the       |     |  |  |
|    |       |     | base concrete. The rate is inclusive of the charges for cutting, |     |  |  |
|    |       |     | bending, welding, grinding, polishing, conveyance, electrical    |     |  |  |
|    |       |     | charges, etc. complete   |     |  |  |