

ARULMIGU MARIAMMAN THIRUKOIL,  
PUDURCHENGAM, CHENGAMR TK, THIRUVANNAMALAI DT.  
TENDER NOTICE.

Sealed Tenders in prescribed form from the PWD Ist class registered contractors of Tamilnadu Government 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 of **Construction of Thirumana Mandapam Arulmigu Mariamman Thirukoil, Pudurchengam, Chengamr Taluk, Thiruvannamalai District.** by the Hereditary trustees on 13.07.2022 upto 03.00 Noon.

Estimate Cost Rs :-2,78,00,000/-

Contract Value Rs :-1,94,67,055/-

1. The tender will be opened at 3.00 PM on 13.07.2022 by the Hereditary trustees in the presence of such tenders their authorized Agents who may be present at that time.
2. Earnest money Deposit of Rs1,10,000.00 (Rupees One lakh Ten thousand only) 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 shall be rejected.
3. Tender document can be had from the Hereditary trustees, Arulmigu Mariamman Thirukoil, Pudurchengam, Chengam Taluk, Thiruvannamalai District. office up to 12.07.2022 at 5:45 PM on payment of Rs15,000-00 (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 there for 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, Additional Security deposit will be collected from the approved tenderer at the specified time.
6. The period of completion of work will be **Fifteen** 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 Hereditary trustees of the above temple during office hours.

Date :13/06/2022

Place: Pudurchengam

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SCHEDULE-ASCHEDULE 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.

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## TENDER NOTICE

**NAME OF THE WORK : CONSTRUCTION OF THIRUMANA MANDAPAM AT ARULMIGU  
MARIAMMAN THIRUKOIL, PUDUR CHENGAM, CHENGAM TK,  
THIRUVANNAMALAI DT.**

To.

Hereditary trustees,  
Arulmigu Mariamman Thirukoil,  
Puduchengam, Chengam Taluk,  
Thiruvannamalai District.

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 the 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 1.94 Crore** ( Mentioned in the Schedule ) or such other sum as may be 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 1,10,000.00** (Rupees One lakh ten thousand only) as earnest money not bear interest. If /our tender is not accepted the sum shall be returned to me as on my/our

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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 signed by me/us and then by the Hereditary trustees 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/- .

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(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 Hereditary trustees, Arulmigu Mariamman Thirukoil, Puduchengam, Chengamr Taluk, Thiruvannamalai District.

Tender should be in the prescribed form obtainable from the office of the Hereditary trustees, Construction of Thirumanamandapam@ Arulmigu Mariamman Thirukoil, Puduchengam, Chengamr Taluk, Thiruvannamalai District. on all working day during the office hours upto 12.07.2022.

This tender will be opened at the Hereditary trustees, Arulmigu Mariamman Thirukoil, Puduchengam, Chengamr Taluk, Thiruvannamalai District.

The tenderer or 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 over to the tenderers concerned and initial of all such corrections in the presence of the tenderers. If any of the tenderer or their agents finds it 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 absentee 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 Hereditary trustees of the temple.

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

1. If the tender is made by an individual it 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 duly 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 or 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.

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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.

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 Hereditary trustees of acceptance of his tender make a security deposit. **Rs1,10,000.00** 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 contract. 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 Hereditary trustees, the tenderer fails to attend the said office before specified date on such intimation to tendered the tender will not be considered upon, intimation being given to the successful tenderer by the Hereditary trustees 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 shall 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.

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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 Hereditary trustees Office, Arulmigu Mariamman Thirukoil, Pudurchengam, Chengam Taluk, Thiruvannamalai District.

6. 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 inspect the site 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 Hereditary trustees 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 Hereditary trustees of the temple.

The Hereditary trustees, 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 seigniorage 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

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9. A Schedule of quantities accompanies this tender notice, I shall definitely be understood 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 Hereditary trustees 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 words 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.

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**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 form 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 Hereditary trustees 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

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## RATE OF PROGRESS

Period after the date Of commencement	percentage of Contract value.	Physical
I st Month		
IIInd Month		
IIIrd Month		
IVth Month		
Vth Month		
VIth Month		
VIIth Month		
VIIIth Month		
IXth Month		
Xth Month		
XIth Month		
XIIth Month		
XIIIth Month		
XIVth Month		
XVth Month		

## AS SPECIFIED IN THE TENDER SCHEDULE "B"

13. No part of the contract shall be sublet without written permission of the Hereditary trustees 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 Hereditary trustees 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

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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

**LEAD STATEMENT**

S.NO	Name of Material	Source	Lead in KM
1	Cement	Local	--
2	Steel	Local	--
3	Sand for mortar	Thandarampattu	30
4	Sand for filling	Thandarampattu	30
5	Country Bricks of size 8 ¾ "x4 ¼" x2 ¾"	Local	10
6	HGB 40mm ISS Metal	Thandarampattu	30
7	HGB 20mm ISS metal	Thandarampattu	30
8	HGB 10-12mm ISS metal	Thandarampattu	30
9	Brick Jelly 20mm	Chengam	15
10	Brick Jelly 20mm	Chengam	15
11	Gravel	Chengam	15
12	Slacked Limes	Chengam	15
13	Pressed tiles 20X20X2cm	Chengam	15
14	Well Gravel	Chengam	15

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Name of Temple :-**ArulmiguMariammanThirukoil,Pudurchengam, ChengamrTaluk, Thiruvannamalai District.**

Name of work :-**Construction of Thirumanamandapam**

**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 Department Engineers.
3. No extra for water will be paid for any of the items and rates should be inclusive of al 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 shall 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.

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## TENDER SCHEDULE

**NAME OF THE WORK :Construction of Thirumanamandapam@ ArulmiguMariammanThirukoil, Pudurchengam, ChengamrTaluk, Thiruvannamalai District.**

Contract Value Rs.1,94,67,055/- EMD Rs. 1,10,000/- Date of Tender: 12.07.2022 Time for completion : 15 months

N o	Qty		Description of work	TNB SS NO	UNIT	Rate in Figure	Rate in Words
1	288.00	Cum	Earth work excavation and depositing on bank with in initial lead of 10 m and initial lift of 2m in hard stiff clay, stiff black cotton soil, hard red earth, earth mixed with small sized boulders and hard gravelly soil as per SS 20B				
2	90.00	Cum	Earth work open excavation in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the excavated earth with a lead of 10 mts. within the compound in places shown by the departmental officers and clearing and levelling the site, etc., complete complying with standard specification.				

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3	115.00	Cum	Supplying and filling with foundation in basement with Msand in layers of 150mm thickness well watered rammed and consolidated complying with relevant std specification including cost of supplying filling sand.				
4	248.00	Cum	Supplying and filling with fully Gravel in layers not exceeding 15cm thick, Watering rodding and consolidation etc., comple				
5	75.00	Cum	Filling in basement with Msand in layers of not more than 15cm thick well rammed watered and consolidated complying with standard specifications.				
6	91.00	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.				
7			Brick work in cement mortar 1 : 5 (one cement and five sand) using country bricks of size 83/4"X41/4"X21/4 including cost and conveyance of materials and labour charges and all other incidental charges etc complete complying with std specification				
	60.00	Cum	(For foundation and basement)				

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8			Brick work in cement mortar 1 : 6 (one cement and six sand) using country bricks of size 83/4"X41/4"X21/4 including cost and conveyance of materials and labour charges and all other incidental charges etc complete complying with std specification				
	70.00	Cum	Superstructure GF				
	130.00	Cum	Superstructure FF				
	36.00	Cum	Superstructure FF				
9	19.00	Cum	Brick work in Cement Mortar 1:3 (One Cement and Three Sand) using best quality II class Ground moulded chamber burnt bricks of size 9" x 4-3/8" x 2-3/4" for foundation and basement including curing, etc., complete complying with standard specifiction.				

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10			Brick partition walls of 11.50cm thickness using best quality II class Ground moulded chamber burnt bricks of size 9" x 4-3/8" x 2-3/4" in Cement Mortar 1:3 (One Cement and Three Sand) using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers. (Hoop iron reinforcement will be measured and paid for separately)				
	12.00	Sqm	Superstructure GF				
	100.00	Sqm	Superstructure FF				
11			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)				
	215.00	Sqm	a)For upto basement				
	734.00	Sqm	b)For column ground floor				
	1341.00	Sqm	c)for beams and slabs				

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12			<p>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 water cement ratio of 0.55, including admixture(plasticiser/super plasticiser) in recomanded 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).</p>				
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	93.00	Cum	For foundation and basement				
	122.00	Cum	RCC columns in superstructure GF				
	125.00	Cum	RCC columns in superstructure GF				
	19.00	Cum	RCC columns in superstructure GF				
13	49.80	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				
14	11.00	Cum	Manufacturing, supplying and fixing Precast Reinforced Cement Concrete slabs of following thickness in RCC 1:2:4 (one cement, two sand and four aggregates), using following HBGS jelly excluding cost of reinforcement steel in position but including cost of moulding charges, casting of slab, finishing, curing and fixing in position in all floors etc., complete complying with standard specification and as directed.				

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15	40.00	Cum	Providing weathering course with concrete broken brick jelly 20 mm guage in pure burnt lime stone and screened over RCC roof slab with proportion of brick jelly to lime being 32:12 1/2 by volumn well beaten with wooden beaters for giving the required slope and thickness complying with relevant std specifications and as directed by departmental officers.				
16	505.00	Sqm	Finishing the terace with hydraulicpressed tiles of approved superior quality of size 20X20X2 cm thick laid over weathering course in cm 1:3(one of cement and three of sand) 12mm thick mixed with water proofing compound including curing etc., as per std specifications.				
17	103.00	Rmt	Supplying and fixing in position best approved of BIS quality PVC rain water down fall pipes having a pressure of 4 kg. / sq.cm including cost of necessary PVC shoe, PVC bend, cast iron gratings of required diameter and special clamps, brass screws, nails, etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be inclusive of cast of removable cast iron grating. The PVC pipe shall be fixed in wall with special type of "U" clamp at the centre of the pipe line in addition to those for more than 3.0 metre pipe length, etc., complete complying with standard specification. 110mm dia				

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18	116.00	Sqm	Supplying and fixing of stainless stell 'Q' rail using 304 grade S.S pipe with 50mm Ø at top and bottom and 32 mm Ø SS pipe as intermediate for hand rails at 20cm c/c and the same in fixing into staircase flight, slab etc all complete as per standard specifications.e(SR Page no 61)				
19	23.00	Sqm	Supplying and fixing of flush door shutter using teak wood frame of size 127mmX76mm and door shutter single leaf in position using 35mm thick solid core flush shutter with teak play on both sides with teak wood lipping alround including cost and labour for fixing the hold fasts and furniture fittings etc complete as directed by the departmental officers complying with std specification.				
20	19.00	Sqm	Supplying and fixing teak wood temple type including all materials, labour charges for manufacturing and fixing I position including all furniture fittings etc complete with std specifications.				
21	300.00	Kgs	Supplying and fixing of M.S.grill of approved design for grill gate, grill work to doors and windows openings ramp etc., using necessary mild steel flats for inner and outer members which should be fixed on edges including priming coat of best approved quality red oxide primer etc., complete complying with standard specification.				

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22	57.00	Sqm	Supply and fixing of UPVC window with outer frames of size shutter frames of size The rate includes cost of materials manufacutering and fixing at sitee(SR Page no 71)				
23	13.00	Sqm	Supplying and fixing of pvc door shutter of standard brand of solid core with necessary frames, furniture fittings etc all complete.				
24	8.00	Sqm	Supply and fixing of UPVC Ventilator with outer frames of size shutter frames of size The rate includes cost of materials manufacutering and fixing at sitee(SR Page no 71)				
25	295.00	Sqm	Flooring with kotta slab of size 600 x 600 x 8mm laid over 20mm thick cement mortar 1:3 base mortar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3kg. / sq.m etc., complete complying with standard specification.				
26	323.00	Sqm	Flooring with vitrified tiles of size 600 x 600 x 8mm laid over 20mm thick cement mortar 1:3 Base morar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3Kg / sq.m etc., complete complying with standard specification.				

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27	125.00	Sqm	Flooring with following joint free refixed glazed ceramic floor tiles of size 305 x 305 x 8 mm laid over 20mm thick cement mortar 1:3 base mortar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3 Kg. / Sq.m. etc., complete complying with standard specification.				
28	72.00	Sqm	Paving the floor with concrete anti-skid tiles to Required shape and design of 20mm thick of approved quality and colour laid in Cement Mortar 1:3 (One Cement and Three sand) 20mm thick and pointed with white cement mixed with colouring pigment at the rate of 0.40 Kg. / sq.m., curing, etc., complete complying with standard specification and as directed by the departmental officers. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)				
29	76.00	Sqm	Providing granolithic floor finish of 25mm thickness with plain cement concrete 1:2:4 (One Cement, Two M-Sand and Four aggregate) using 20mm gauge hard broken stone jelly including laying, finishing and the top rubbed smooth with power trawl, thread lining, curing etc. complete complying with standard specification and as directed by the departmental officers. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers)				

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30	968.00	Sqm	Special Plastering with cement mortar 1: 3 (one cement and three sand) 10mm thick for bottom of roof, stair, waist, landing and sunshade in all floors finished with near cement including hacking the areas providing band cornice, scaffolding, curing, finishing etc., all complete.				
31	3995.00	Sqm	Plastering with cement mortar 1: 5 (one cement and five Msand) 12mm thick finished with neat cement including providing band cornice, ceiling cornice, curing scaffolding etc ., complete in all respects and complying with relevant std specifications.				
32	2345.00	Sqm	Cement Painting two coats over the one coat of primer approved cement paint for new plastered surface.				
33	2800.00	Sqm	Water based emulsion Painting two coats over the one coat of primer approved paint for new plastered surface etc complete the std specification.				
34	131.00	Sqm	Painting two coats over new iron works using ready mixed enamel paint including cost and conveyance of paint and all labour charges etc complete.				

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35			Supplying, laying and jointing UPVC pipes of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing PVC specials using PVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The UPVC pipes shall be got approved by Executive Engineer before use on works. IWS (Above Ground Level)				
	96.00	Rmt	20mm dia pipe				
	125.00	Rmt	25mm dia pipe				
	100.00	Rmt	32mm dia pipe				
36			Supplying UPVC Specials (with working pressure 10 kg. / sq.cm.) in water supply arrangements (both in internal and external water supply arrangements)				

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	10.00	Nos	32mm dia Union				
	13.00	Nos	25mm dia Union				
	13.00	Nos	32 mm dia Tee				
	16.00	Nos	25 mm dia Tee				
	18.00	Nos	20 mm dia Tee				
	12.00	Nos	32 mm dia Elbow				
	15.00	Nos	25 mm dia Elbow				
	18.00	Nos	20 mm dia Elbow				
	12.00	Nos	32 x 25 mm dia Reducer				
	15.00	Nos	25 x 20 mm dia Reducer				

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37			Supplying and fixing in position first quality and approved variety of Gun metal Gate Valve / Wheel Valve with BIS make of the following dia including cost of shellac, thread balls, etc., complete complying with standard specifications (for both internal and external water supply arrangements). The valves to be used on work shall be got approved by the Executive Engineer before use on work.				
	10.00	Nos	32mm dia gate valve				
	12.00	Nos	25mm dia gate valve				
38	10.00	Nos	Supplying and fixing in position best quality and approved make Indian made white glazed earthenware wash hand basin of size 550 x 400mm (without pedestal) with a pair of cast iron brackets, including cost 15mm dia brass CP pillar tap, 32mm dia "B" class GI waste pipe with rubber plug and chain, 15mm dia GM wheel valve, 15mm brass nipple, 15mm dianylone connection, 32mm dia CP brass waste coupling including fixing of wash basin using CI brackets on to the wall in position with TW plugs and screws, rubber washers, white lead and giving necessary water supply connection and painting the brackets with two coat of painting over a priming coat of anti-corrosive paint including testing for leakages etc., complete complying with standard specification and as directed by the departmental officers. (The wash hand basin and specials should be got approved by the Executive Engineer before use on works).				

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39	20.00	Nos	Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the Executive Engineer before use on the works)				
40	6.00	Nos	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm white glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to PVC pipes (including the cost of 110mm dia PVC pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed by the departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).				

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41	2.00	Nos	Supplying and fixing in position white / colour glazed European Water Closet of best quality and approved make with 100 mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelain low level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valve with polythene float with brass handle, union, coupling connected by means of 40mm white PVC flush hand using Indian adopter joint including all internal fittings such as 15mm brass connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe including cost of 600mm length of 110mm dia PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition etc. complete complying with standard specifications. (The EWC and flushing tank with all accessories should be got approved by the Executive Engineer before use on works)				
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42	10.00	Nos	Supplying and fixing in position Indian make bevelled edge mirror of approved quality and brand PVC / Fibre Glass framed 600 x 450 x 5.5mm thick mirror, shelf type with hard board backing of approved colour fixed with brass screws, rawl plug, etc., complete complying with standard specification. (The mirror should be got approved by the Executive Engineer before use on works)				
43	10.00	Nos	Supplying and fixing approved best quality brass CP towel rail 600mm long and 20mm dia with brackets of same materials including cost of teak wood plugs and CP screws, etc., complete complying with standard specifications. (The tower rail should be got approved by Executive Engineer before use on works).				
44	10.00	Nos	Supplying and fixing best approved best quality brass CP soap tray of size 150 x 150mm including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The soap tray should be got approved by Executive Engineer before use on works).				

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45			Supplying and fixing in position best quality PVC soil / waste pipes of various dia having 6 kg / sq.cm. pressure BIS mark and providing leak proof joints using PVC adhesives including fixing to the wall with special PVC / MS clamp, teak wood plugs, brass screws, etc., and making connection to all sanitary fittings, dismantling masonry / RCC works wherever found necessary and making the good dismantled portion to the original condition, including testing for any leakages, etc., complete complying with standard specifications. (The PVC pipes should be got approved by the Executive Engineer before use on works). The rate for earth work excavation will be measured and paid separately in the cases where the pipe lines are proposed to laid below ground level				
a)	80.00	Rmt	110 mm dia pipe				
b)	80.00	Rmt	75 mm dia pipe				

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46			Supplying and fixing in position PVC specials of the following dia and types of approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. (The PVC specials should be got approved by the Executive Engineer before use on works).				
a)	8.00	Nos	75mm dia PVC Plain Bend				
b)	6.00	Nos	110mm dia PVC Plain Bend				
c)	8.00	Nos	110mm dia PVC Plain Elbow				
d)	6.00	Nos	75mm dia PVC Plain Elbow				
e)	5.00	Nos	110mm dia PVC Plain Tee				
f)	6.00	Nos	110mm dia PVC Door Tee				

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g)	6.00	Nos	75mm dia PVC "Y" Junction				
h)	7.00	Nos	110mm dia PVC "Y" Junction				
i)	7.00	Nos	75mm dia PVC Cowl				
47	9.00	Cum	Supplying and filling of 40mm ISS metal in dispersion trench around the stoneware pipe or in the leach pit or soak pit to the required thickness as directed by the departmental officers etc. complete. (The rate including cost of metal filling etc., complete complying with standard specification.				
48	9.00	Cum	Supplying and filling of 20mm ISS metal in dispersion trench around the stoneware pipe or in the leach pit or soak pit to the required thickness as directed by the departmental officers etc. complete. (The rate including cost of metal filling etc., complete complying with standard specification.				
49	1.00	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				

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50	12.00	Nos	Supplying and fixing position PVC Nahini Trap with PVC Gratings of size 100x75mm of approved brand and quality, fixed over a bed of brick jelly lime concrete 1:2:5 (One part of lime, two part of sand and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three sand) including dismantling masonry works wherever found necessary and making good the dismantled portions to the original condition and giving connection to the CI / PVC pipes, etc., complete complying with standard specification. (The Nahani Trap should be got approved by the Executive Engineer before use on works)				
51	150.00	Rmt	Drilling of 150mm dia vertical bores in hard rock areas to any required depth as directed by the Departmental Officers including Laboour charges for inserting casing pipes assembling in the drilled including welding thejoints wherever necessary and grouting the casing pipe, and developing the bore etc., the rate shall inclusive of transportations chaargers for the rig and supporting vehicle from one place to another excluding cost of casing pipe etc., complete as directed by the Executive Engineer.				
52	20.00	Rmt	Supply of 160 mm PVC Special Blue without slotted pipe for borewell of best approved qualityetc complete as directed by the departmental officers. The pipe should got approved by the Executive Engineer before use on works				

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53	1.00	Nos	Supplying and fixing PVC End cap of 160 mm dia of approved make and quality with ISI mark for Borewell etc., complete compying with standard specifications and as directed by the departmental officers. The End Cap should be got approved by the Executive Engineer before use on works.				
54	1.00	Nos	Supplying and fixing 2.00 HP / 3 Phase, 9 Stage sub mergible pump of approved make and quality with ISI mark with necessary accssories and fixed with delivery pipe errected in the borewell with necessary clamp etc., with following additional accssories. 1 No of 3 Phase Star Delta Starter of 63 AMPS of approved quality and make with ISI mark. 1 No of 3 Phase 63 AMPS Main Switch of approved quality and make with ISI mark. 1 No of priventor of approved quality and make with ISI mark. 1 No of pannel board of required size with indicator fuse unit voltmeter with necessary provision toaccomodate the starter and mini starter etc. 1 No of capacitor with board as per standards of TNEB.				

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55	140.00	Rmt	Supplying and fixing 32mm dia HDPE pipe for sub-mergible pump in Bore well (class-5 1MPa or 10 Kg / cm <sup>2</sup> pressure) of best approved quality including welding wherever necessary etc., complete as directed by the Executive Engineer. The pipe should be got approved by the Executive Engineer before use on works.				
56	160.00	Rmt	Supplying, Fixing and connecting of 2x32 sq.mm seathed cable wire for the sub-mergible motor from pannel board to sub-mergible pump.				
57	501.00	Sqm	Providing pre construction Anti termite tratment for the building including all chemicals as per standard specifications, Labour charges for preparing the areas for treatment spraying chemicals and other incidental charges etc., complete. The rate shall be inclusive of giving anti termite treatment to the building for the following four stages including breaking the termite mounds making holes with crow bars at an interval of 12" to a depth of 8" in the periphery of building and pouring chemicals etc., complete as per ISI 6313-1981 and the termite chemicas used should have 0.5% concentration with 3L solution of the entire operation etc., as directed by the Engineer incharge and including cost of chemicals labour transportation etc.,				

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