# 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 **Construction of Dinning Hall-II in ArulmiguAranganaswamyThirukoil At Singavaram, GingeeTaluk, Villupuram District.**by the Executive Officer/Asst Commissioner on 19.04.2022upto 01.30 Noon.

Estimate Cost Rs:-73,00,000/-

Contract Value Rs :-66,44,077/-

- 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 Rs43,000.00 (Rupees FortyThree 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

### **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: Construction of Dinning Hall-II in ArulmiguAranganaswamyThirukoil At Singavaram,

GingeeTaluk, Villupuram District.

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 64.66 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 43,000.00**(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. Rs43,000.00 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 :-

Construction of Dinning Hall- II
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 : CONSTRUCTION OF DINNING HALL-II IN ARULMIGUARANGANASWAMYTHIRUKOIL AT SINGAVARAM, GINGEETALUK, VILLUPURAM DISTRICT.

Contract Value Rs.64,66,077/- EMD Rs. 43,000/- Date of Tender: 19.04.2022 Time for completion: 9 months

N o	Qty		Description of work	TNBSS NO	UNIT	Rate in Figure	Rate in Words
1	121.00	Cum	Earth work excavation for foundation in all classes of soils and sub soils and to depth as may be directed except in hard rock, requiring blasting, including initial leads and lifts and refilling the sides of foundation, with excavated earth in 150mm layers well watered rammed and consolidated, including depositing surplus earth clearing and levelling the site, shoring shuttering baling out water wherever necessary etc., complete complying with standard specification.		Cum		
2	55.00	Cum	Supplying and filling in foundation, basement, etc with filling MSand in layers of not more than 15 cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.rs.		Cum		
3	135.00	Cum	Refilling with excavated earth other than Sand with an initial head load of 100 mts. and depositing the earth as shown by the departmental officers in layers of not more than 15 cm thick well rammed, watered and consolidated etc. complete complying with standard specification.		Cum		

4	43.00	Cum	Cement concrete 1:5:10 (one cement five Sand ten aggregate) using 40mm gauge hard granite broken stone jelly for foundation including cost and conveyance of all materials labour for mixing, laying, compacting, curing, dewatering, side shuttering, wherever necessary including curing etc., complete complying with standard specification and as directed.		Cum	
5	125.00	Sqm	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc. which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification. (Payment for centering shall be given after the concrete is laid)	S	Sqm	
6	260.00	Carre	Providing form work for centering the soffits of all reinforcement cement concrete surfaces M.S.Sheets of 90 x 60cm x 10 gauge stiffened with welded M.S angle of size 25x25x3mm laid over silver oak joints of size 10cm x 6.50cm spaced at about 90cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at 75cm centre to centre complying with standard specification and as directed.  A)For plane surfaces such as Rcc Roof slab,			
	360.00	Sqm	beams,Lintels,betblocks,landing slab, portico slab, beeams etc.,	S	Sqm	
	181.00	Sqm	B)FOR COLUMN AND SUNSHADE:	S	Sqm	

	19.00	Sqm	C)Curved centeing for kodungai:	Sqm		
	12.00	Sqm	D)Circular Surface	Sqm		
7			Providing and laying in position, Standardized 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 minimum cement content 325Kg/m3 and maximum water cement ratio of 0.55, including admixture(plasticizer/super plasticiser) in recommended 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).arges for mixing, laying, and curing etc complete for 10 cum(For Foundation and Basement).			
	22.00	Cum	A)For Foundation and basement	Cum		

	57.00	Cum	B)For Super structure	Cum	
8	12.60	Mt	Supplying, fabricating and placing in position Mild Steel / Ribbed Tor Steel grills for all RCC works as per design given including cost of steel and G.I. binding wire in all floors etc. complete complying with standard specification. (Contractor has to make his own arrangements for the supply of steel and binding wire)	Mt	
9			Brick work in following Cement Mortar 1:6 using best quality II class Ground moulded bricks size 9" x 4-3/8" x 2-3/4" for foundation and basement including curing, etc., complete complying with standard specifiction.		
	32.00	Cum	A)For Foundation and basement	Cum	
	52.00	Cum	B)For Super structure	Cum	ı
	10.00	Cum	C)Brick masonry in c.m 1:4, using stock bricks including all vaarivargams, moulds, sthambams, mukhapathramsa, koodu, nasi and all ornamental birck work complete, all pancharams, agarais, karnrakoodus, etc., forming core wlls of Rajagopurams/vimanams complete including cost and conveyance of all materials including cement, all the labour charges including marking pathies shaping of the bricks, lifting of all the materials to required hts curing and all extra for working in hts etc., complete	Cum	

10	575.00	Sqm	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, facia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three Sand ) 10mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and curing, etc., in all floors complying with standard specification and as directed by the departmental officers	Sqm	
11	830.00	Sqm	Plastering with Cement Mortar 1:5 (One cement and Five Sand ), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.	Sqm	
12	18.00	Cum	Providing Weathering Course Concrete to an average thickness of 8cm with20mm size Broken brick jelly in lime mortar over roof slab including laying, consolidating, finishing etc., complete.	Cum	
13	230.00	Sqm	Finishing the Top of Roof with One course of machine Pressed Tiles 200 x 200 x 20mm in C.M.1: 3 - 12mm thick mixed with Water Proofing Compound,Red oxide and pointing with same mortar etc.,	Sqm	

14	199.00	Sqm	Paving the floor with kota stone slab of size 600 x 600 of 18 / 20mm (un-polished) in all floors laid in of cement mortor 1:3 (one cement three Sand), 20mm thick and pointed with colour cement neatly including polishing with polishing stone and oxalic acid etc., so as to perfectly smooth and glossy and including hire charges for polishing machine and power consumption charges etc. The kota stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification.	Sqm	
15	24.00	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)	Sqm	
16	60.00	Rmt	Providing & fixing rain water down fall pipes of 110mm diapvc pipes 4Kg/Sqcm with necessary shoes bends clamps screws nails etc complete with standard specifications.	Rmt	
17	0.50	Cum	Supplying and fixing of Teak wood frames including Labour wrought and put upt as per standard specifications.	Cum	

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			Supplying and fixing of Flush door shutter Single leaf in				
			position using 35mm thick solid core Flush shutters with				
18	16.00	Sqm	commercial ply on both sides with teak wood lipping alround		Sqm		
		1	including cost and labour for fixing the hold fasts and furniture		1		
			fittings etc., complete as directed by the departmental officers				
			complying with standard specification.				
			Supplying and fixing UPVC windows of casment type of the				
			following sizes of approved standard quality				
			1.50x1.75m,1.20x1.75m,1.20x1.30m,0.90x1.30m. The window				
			should beof multi chambered sections with wall thickness of				
			2.2mm reinforced with hot dip galavanized to 125GSM and				
			100% corrosion free. The corners and joints should be screwed				
			and pasted. The window should withstand weather and resist				
			UV radiation. pin headed glass of 4mm thick should not allow				
			leakage of water even in most ranging storms and should have				
			multi chamber profile with double seal that ensures in herent	Sam			
19	37.00	Sqm	insulation against sound infiltration. The window shutter		Sqm		
		1	should have key lockable action security protective hinges,		1		
			strong double and triple glazing options are to be provided as				
			per the size for arresting noise and enery loss. The connecting				
			mechanism between sash & outer frame that enables opening				
			of the window to the desired size and non corrosive SS304				
			grade should be used for friction stay. The window should be				
			fixed to the wall with 100% packing with screws and silicon				
			packing allround the frames. The cost inclusive of supplying				
			conveying and fixing in positionby sealing the gap between the				
			windows and the with silicon etc.,				
			The state of the s				

20	740.00	Kgs	Supplying and fixing mild steel grill Gate including cost conveyance of all materials and fixing in position including priming coat etc complete with standard specifications.	I	Kgs
21	355.00	Sqm	Painting two coats with cement paint of first class quality and approved colour, including priming coat and through scrapping and clean removal of dirt etc., complete as per standared specification.	S	5qm
22	965.00	Sqm	Painting two coats of newly plastered wall surface with Water based Exterior emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.	S	5qm
23	36.00	Sqm	Painting new wood work with two finishing coats of synthetic enamel ready mixed paint of approved quality and colour over one coat priming coat in all floors including the cost of primer etc., complete complying with standard specification. (The make, quality and colour of paint should be got approved by the Executive Engineer before use on works.)	S	qm
24	37.00	Sqm	Painting new iron works such as gate, steel doors windows ventilators with two coats of approved quality and color of synthetic enamel paint over the existing red oxide primer including one coat of anti corresive zinc chromite in all floor etc, complete complying with standard specifications.	S	Eqm

25	160.00	Sqm	Dadooing walls with following best approved quality, white / colour glazed tiles of following sizes set in Cement Mortar 1:2 (One Cement and Two Sand ) 10mm thick and pointing the joints with white cement mixed with colouring pigments at the rate of 0.40 Kg. / sq.m. neatly in all floors, curing, etc., complying with standard specification and as directed by the departmental officers.	Sqm		
26	0.20	Cum	Supplying and fixing of Country wood frames upto 4m length including cost of labour charges, wrought and put up charges etc., Completed with standard specifications.	Cum		
27	5.00	Sqm	Supplying and fixing in position of Country wood fully panelled Door Shutter including cost of country wood scantlings upto 4m length, Country wood planks upto 30cm wide - 40mm Thick labour charges for wrought and put up, Garving, Polishing, including cost of necessary brass alldrop, tower bolt, handels, labour charges, etc., Completed with standard specifications.	Sqm		

28	878.00	Sft	Providing Vargapoochu over the corewalls of Vimanams / Gopurams, with Cement Mortar1:4 complete including shaping the mukhapathram, mahanasi, Koodu all ornamentals works to proper shape by embedding broken bricks of shaped/chiseled bricks, rough-plastering with Cement Mortar1:4and finishing with final ornamental plastering and nayamtheervani including cost and conveyance of all materials, labour therefore, lifting of materials, all working in heights, curing with water etc, complete including all extra for folding and including clearing from the vimanams/gopurams 100sft superficial area. for kalkaram	Sft		
29	3.00	Nos	Providing new sudhaivigrahams in the vimanams and Rajagopurams with galvanized iron rod reinforcement of suitable dia with binding wires wherever necessary, shaping the core with broken bricks set in CM 1:3 finishing the same with CM 1:3 bringing to the correct shape (Lakshana) in conformist with silpasastra inclusive of special ornaments, weapons, peedam etc., complete and providing C.M. Nayamtheervai wherever necessary. inclusive of cost and conveyance of all materials, such as cement broken bricks, and Copper rods. binding wire all labour for working in heights, curing lifting of materials etc., complete including cement painting 2 coats over a primary coat (one vigraham is accountable with one head, 4 hands with weapons, ornamental costumes etc., as per prathimalakshans, Vigraham height is measurable from the crown top to the bottom of foot only If peetam is provided the rate with peetam may be adopted as detailed hereunder)	E		

30	4.00	Sqm	Supply and fixing the stainless steel Hand wash trough using 304 grade of 1200 x 550 x 180mm including necessary top, side and bottom frames supported to walls including necessary holes for water outlet and tap inlet points, complete complying with standard specifications.	Sqm	
31	38.00	Sqm	Providing granolithic floor finish 25mm thick with cc1:2;4 10to 12mm metal including cost of all materials and labor charges for laying rubbing the top surface for smooth etc., complete complying with standard specifications.	Sqm	
32			Supplying laying and jointing U.P.V.C pipes 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 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.		
	62.00	Rmt	i)32mm UPVC	Rmt	
	33.00	Rmt	ii)25mm UPVC	Rmt	
	10.00	Rmt	iii)20mm UPVC	Rmt	

33			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 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			
	3.00	Nos	(i) 32mm UPVC Union		E	
	4.00	Nos	(ii) 32mm UPVC Bend		E	
	2.00	Nos	(iii) 32mm UPVC Tee		E	
	8.00	Nos	(iv) 32mm UPVC Coupling	]	E	
	1.00	Nos	(v) 32mm UPVC Ball Valve		Е	
	3.00	Nos	(i) 25mm UPVC Union		E	
	5.00	Nos	(ii) 25mm UPVC Bend		E	
	2.00	Nos	(iii) 25mm UPVC Tee	]	E	
	7.00	Nos	(iv) 25mm UPVC Coupling		Е	
	1.00	Nos	(v) 25mm UPVC Ball Valve		Е	
	1.00	Nos	(i) 20mm UPVC Union	]	E	

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	4.00	Nos	(ii) 20mm UPVC Bend	Е	
	2.00	Nos	(iii) 20mm UPVC Tee	Е	
	7.00	Nos	(iv) 20mm UPVC Coupling	Е	
	1.00	Nos	(v) 20mm UPVC Ball Valve	Е	
34	3.00	Nos	Supply and Fixing CI Manhole cover 0.60x0.60m including cost and conveyance of all materials and labour charges and all other incidental charges etccomplete complying with standard specification.	Е	
35	36.00	Sqm	Flooring with Granite Tiles slabs, (Superfine polishedwith Machine cut edges) of size 4'0x2'0 and above 18mm to 20mm thick free from all defects in all floors over a base layer of CM 13:, 20 mm thick. The Granite slab slab shall be laid over the cement mortar by applying white cement slurry in between base mortar and Granite slab.	Sqm	
36	5.00	Sqm	Labour Charges for Nosing the Granite Slab including all other incidental charges etc complete complying with standard specification.	Sqm	
37	16.00	Sqm	Supplying and fixing Cuddapah slabs of the following thickness over a Brick partition walls for cubboard and pointed with cement mortar 1:3 ( one cement and three Sand ) complying with standard specification.	Sqm	

38	50.00	Rmt	Supplying and laying UG cable 4C 10sqmm PVC armoured LTUG cable in a trench excavated at a depth of 0.75m putting 0.15m layer of Sand and covering with cable completely brick and Sand and refilling the excavated earth to make good.	Rm	t
39	8.00	Nos	Supplying and fixing of Brass Chromium Plated screw down tap heavy tyoe 20mm dia of approved make conforming to I.S.specifications and quality including cost of shellac, thread etc.complying with standard specifications and including cutting and threading wherever necessary (Taps should be got approved by the executive Engineer before use on the work.	Е	
40	2,000.0	Ltr	Supplying and Fixing PVC water tank of approved quality and good variety of 2000lt Capacity including Lid and fixing in Position etc., complete with standard specifications.	Ltı	
41	42.00	Sqm	Supplying and roofing with Galvalume powder coated Aluminium Sheet 0.47mm Thick including cost of necessary M.S pipe 90mm Dia and truss and purlins with 90x40mm and 65x40mm MS Square pipe Including fixing in Position etc., complete with standard specifications.	Sqr	n
42	1.00	Nos	Supply and fixing of 15A Aerial Fuse unit(500A) on suitable 100x100mm TW Concealed box with hylem Sheet on the tapping pole with necessary clamps.	E	

43	20.00	Rmt	Supply and run of 2 of 4sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade on 7/20 GI bearer wire for service connection mains	Rm	
44	3.00	Rmt	Supply and run of 2 of 4 sq.mm (56/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains	Rm	t
45	1.00	Nos	Supply and fixing of TNEB Meter Board suitable for 32A Single Phase service connection with 32A Fuse unit (500V) 32A neutral link and earth link (1" x 1/8" Copper flat) on TW plank of size 375mm x 300mm x 19mm with supporting TW reepers of 1" thick an either side with painting with suitable bolt and nuts for fixing the TW plank on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit.	Е	
46	1.00	Nos	Supply and fixing of 32 Amps DP Switch of 500 V with metal clad with fuse and neutral (Side Handle) on suitable TW Board , with earth connection only	Е	
47	1.00	Rmt	Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure Distribution board 1No 32 Amps DB MCB as incoming and 6 Nos 6 Amps to 32 Amps SPMCB outgoing in flush with wall and making good of the concealed portion with earth connection only. The MCB DB and MCB's should be with ISI mark (Like Standard make).	Rm	

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48	50.00	Rmt	Wiring with 2x1.5sqmm (22/0.3) PVC insulated unsheathed SC Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires with TW switch box and 5A F.T. switch in flush with wall with 3mm thick hylum sheet cover for making good of the concealed portion with suitable colour for PVC concealed Light point / Fan point (For electronic regulator)	Rmt	
49	7.00	Rmt	Wiring with 2x1.5sqmm (22/0.3) PVC insulated SC 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 150mm x 100mm x 113mm TW switch box with 3 mm thick Hylem sheet cover for 5 A 3 pin non inter locking CS Plug with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed PVC plug point.	Rmt	
50	3.00	Rmt	Wiring with 2x4 sqmm(56/0.3) PVC insulated SC unsheathed Cu.Conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories, in flush with wall, with 150mm x 100mm x 113mm TW switch box with 3mm thick hylem sheet for 15 A 3 pin non inter locking CS plug with continuous earth wire connection of 14 SWG TC wire, and making good of the concealed portion, with suitable colour for concealed Power Plug point	Rmt	
51	50.00	Rmt	Supply and run of 2 of 4sqmm (56/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V Grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14SWG TC wire and making good of the concealed portion with suitable colour	Rmt	

52	20.00	Nos	Supply and fixing of single box type 4'36 W flu fitting complete with electronic ballast with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting.	Е	
53	12.00	Cum	Supply and fixing of 1200 mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 1 1 meter down rod on the existing clamp.	Cum	
54	3.00	Nos	Supply and fixing of 4' 40 W LED Street Light flu.fitting complete with copper choke and condensor with 32 mm dia GI pipe (Class 'B') with 1 No 32mm GI Bend complete on the existing post wall with 16 A aerial fuse unit on MS plate with PVC unsheathed Copper leads MS clarnps and aluminium painting with flu.tubes.	Е	
55	1.00	Nos	Supply and fixing of 300 mm (12") sweep (light duty) AC Exhaust Fan complete without provision of hole in the wall	Е	
56	1.00	Sqm	Earthing as per the ISI specification with an earth electrode of 2.1mt class 'B' GI pipe of dia not less than 40mm, with copper earth plate of size 125mm x 50mm x 6mm, with necessary funneling arrangements with necessary masonry work and with 38mm RCC cover slab for the brick masonry	Sqm	