

ARULMIGU ARANGANATHASWAMY THIRUKOIL,
ADHITHIRUVARANGAM, SANKARAPURAM TK, KALLAKURICHI DT.
TENDER NOTICE.

Sealed Tenders in prescribed form from the PWD 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 **Supply and Installation of Advanced model ESE Lightning Arrester at Rajagoburam of ArulmiguAranganathaswamy Temple** , Thiruvarangam, SangarapuramTk, Kallakurchi Dist. by the Executive Officer on 12.07.2022 upto 12.00 noon.

Estimate Cost Rs :- 2,30,000/-

Contract Value Rs :- 2,19,557/-

1. The tender will be opened at 02.00 PM on 13.07.2022 the Executive Officer in the presence of such tenders their authorized Agents who may be present at that time.
2. Earnest money Deposit of Rs. 2,500.00 (Rupees Two thousand five Hundred 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 shell be rejected.
3. Tender document can be had from the Executive Officer, Arulmigu Veerateswarar Thirukoil at Keezhaiyur, ThirukoilurTk, Kallakurichi Dt. office up 12.07.2022 at 5:45 PM on payment of Rs.750/- (Rupees Seven Hundred and Fifty 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, Additional Security deposit will be collected from the approved tenderer at the specified time.
6. The period of completion of work will be **One** 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 :22/06/2022

Place: „ Thiruvarangam, Sangarapuram Tk.

Signature of Contractor

No of Correction
No of Overwriting

Executive officer

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.

Signature of Contractor

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TENDER NOTICE

NAME OF THE WORK : Supply and Installation of Advanced model Lightning Arrester
at Rajagoburam of Arulmigu Aranganatha swamy Temple ,
Thiruvarangam, SangarapuramTk , Kallakurchi Dist .

To.

**Executive Officer,
Arulmigu Aranganathaswamy Temple,
Thiruvarangam, SangarapuramTk ,
Kallakurchi Dist.**

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 2.20 lakhs** (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. 2,500.00**(Two thousand and five Hundred) 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

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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 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/- .

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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 Executive Officer, Arulmigu Veerateswarar Thirukoil at Keezhaiyur, Thirukoilur Tk, Kallakurichi Dt.

Tender should be in the prescribed form obtainable from the office of the Executive Officer ,Arulmigu Veerateswarar Thirukoil at Keezhaiyur, ThirukoilurTk, Kallakurichi Dt. on all working day during the office hours up to 12.07.2022

This tender will be opened at the Executive Officer, Arulmigu VeerateswararThirukoil at Keezhaiyur, ThirukoilurTk, Kallakurichi Dt. The tenderer 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.

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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 Executive Officer of acceptance of his tender make a security deposit. **Rs. 2,500.00** 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 tendered 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 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.750 + 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 Executive Officer Office Arulmigu Veerateswarar Thirukoil at Keezhaiyur, Thirukoilur Tk,

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Kallakurichi 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

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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 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 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

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RATE OF PROGRESS

Period after the date Of commencement	percentage of Contract value.	Physical
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I st 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

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Name of Temple:- **Arulmigu Aranganatha swamy Temple , Thiruvarangam, Sangarapuram Tk , KallakurchiDist .**

Name of work :- **Supply and Installation of Advanced ESE model Lightning Arrester at Rajagoburam**

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 : Supply and Installation of Advanced model ESE Lightning Arrester at Rajagoburam of Arulmigu Aranganatha swamy Temple , Thiruvaramam, SangarapuramTk , Kallakurchi Dist .

Contract Value Rs.2,19,557/- EMD Rs. 2,500/- Date of Tender: 13.07.2022 Time for completion : 1 month

No	Qty		Description of work	TNBSS NO	UNIT	Rate in Figure	Rate in Words
1.	1	set	<p>Supply and installation of Lightning Arrester System unit on roof of the building/ Tower / Gopuram / Vimanam by assembling the ESE Air Terminal – unit of L-model having 86mtrs radius protection with special mounting structure of 4.5 mts height GI/Alu. Pipe and 300x300x8mm MS plate, 3mtr-48mm OD Class ‘C’ GI outer pipe, 1.8m-38mm OD inner pipe on roof mounting with concrete base with the support of fastners and with FRP adapter complete. The said ESE Air Terminal (ESEAT) is the main unit of L.A. and it should satisfy and conform to IS standard norms / specifications / CPRI / ITE Testing conditions etc. for the good functioning of the system which should be, as described below.</p> <p>The ESEAT (Early Streamer Emission Air Terminal) has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 meters capable of working in hazardous atmosphere. The Air terminal is non – radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (TS) obtained during the lab test for the offered model is 60 us. The ESEAT works on negative as well as positively polarizes discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No.37, Point No.3 of Clauses 8.6 of the Revised NFC 17-102 Version 2011.</p> <p>ESEAT Model: L-Radius of protection: 86M Level of protection considered for the Project-II level.</p>		set		

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2.	35	mts	Supply and clamping of 1x70 mm ² S.C. Flexible multistrand PVC unarmoured copper cable in suitable HDPE pipe on post / wall/ ceiling / Gopuram, etc. With M.S. Clamps complete.		met		
3.	3	mts	Supply and clamping of 1x70 mm ² S.C. Flexible multistrand PVC unarmoured copper cable in suitable PVC rigid pipe on post / wall / ceiling / Gopuram, etc. With M.S Clamps complete.		met		
4.	2	mts	Supply and laying of 1x70 mm ² S.C. Flexible multistrand PVC unarmoured copper cable in a trench to be excavated at a depth of 0.75mtr putting 0.15 mtr. Layer of sand and covering the cable completely with bricks and sane refilling the earth to make good.		met		
5.	1	no	Supply and fixing Test link Box for each down conductor inorder to disconnect the earth termination system to enable measurement of Resistance on suitable angle iron frame work with cable entry boxes on wall with earth connection complete.		each		
6.	1	no	Supply and installation of maintenance free G.I. Earthing system comprising of 50mm dia and 2 mtr long earth electrode of low carbon steel rod with 100 micron bonding and 25 kgs of carbon based environment friendly Backfill Compound and suitable clamp complete.		each		
7.	1	no	Supply and installation of steel fibre Reinforcement concrete precast readymade earth pit chamber of size 450x450x200mm base with cover materials conform to standard IS 12592 complete.		each		

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8.	23	sqm	Providing Scaffolding arrangement for Gopurams upto 50 feet height with casurina posts, coconut or palm trees wherever necessary for main, form work and providing with net lawn / PVC mesh coverings, providing ladder arrangements, country wood plank for working, inspection etc. complete, hire charges only for erection, maintenance and removing the same on completion of the work.		sqm		
9.	6	nos	Supply and providing cable end termination for 1x70sqmm PVC flexible copper unarmoured cable with suitable copper cable sockets by crimping with Electrical connection complete		each		
10.	1	no	Supply and fixing of Lightning Strike Recorder of good brand like LPI or equivalent make conforming to IS standard on wall with suitable angel iron frame work with cable entry boxes which is designed for easy mounting on the down conductor to effectively count the number of lightning strikes captured by the Air Terminal. This recorder works at minimum sensitive range of 1500A to a maximum sensitive range of 1500A to maximum of 22KA @ 8/20 micro seconds with protection class of IP67(IEC529). It is CPRI tested one and is self powered and not the usage of battery or any other external power source etc. complete		each		

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