

**KERALA STATE  
SCIENCE AND TECHNOLOGY MUSEUM AND  
PRIYADARSINI PLANETARIUM**

Vikas bhavan.P.O, Thiruvananthapuram-695 033

Phone : 0471 – 2306024 Fax- 0471-2304286

[www.kstmuseum.com](http://www.kstmuseum.com)

email: directorksstm@gmail.com

(A government of Kerala Undertaking)



**Tender for the supply, installation, testing & commissioning  
Incinerator for waste disposal**

Name and address of the Tenderer: .....

.....

.....

Last date and time of submission

of tender	:	20.06.2015	3 pm
Date and time of opening of tender	:	20.06.2015	4 pm
Probable amount of contract	:	Rs. 4,58,000/-	
Time of completion	:	30 days	
Earnest Money Deposit	:	Rs. 11,500/-	
Cost of Tender Documents	:	Rs. 1000/- + 5% VAT	

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AND**

**PRIYADARSINI PLANETARIUM**

Vikas bhavan.P.O, Thiruvananthapuram-695 033

Phone : 0471 – 2306024,2306025 Fax- 0471-2304286

Web: [www.kstmuseum.com](http://www.kstmuseum.com); email: [directorksstm@gmail.com](mailto:directorksstm@gmail.com)

(A Government of Kerala Undertaking)

Tender no: C/477/15  
27/05/2015

**Notice inviting tenders**

Sealed tenders are invited from reputed Agencies/suppliers for **the supply, installation, testing & commissioning of Incinerator for waste disposal** at the Kerala state Science and Technology Museum, Thiruvananthapuram. Tender forms and other details can be had from the office of the undersigned during working hours till 20/06/2015, 1 pm on payment of Rs. 1000/- plus 5% VAT. Filled up tenders accompanied with an EMD of Rs. 11,500/- in the form of DD drawn in favour of the undersigned, payable at Thiruvananthapuram will be accepted till 3 pm on 20/06/2015 and will be opened at 4 pm on the same day. Tender forms can also be downloaded from web site [www.kstmuseum.com](http://www.kstmuseum.com), in which case the cost of tender form should be submitted along with the tender as separate demand draft, drawn in favour of the undersigned.

**Director**

Kerala State Science & Technology Museum  
Vikas Bhavan PO  
Thiruvananthapuram 33  
Ph: 2306024

**FORM OF TENDER**

From

.....  
.....  
.....  
.....  
.....

To

DIRECTOR  
Kerala State Science and  
Technology Museum  
Vikasbhavan P.O.  
Thiruvananthapuram.

Sir,

Having examined the specifications and tender schedule, schedule of work and having acquired the requisite information relating to the tender in all respects, I/We

.....

.....

hereby offer to execute the work as specified in this tender at the rates mentioned in the schedule of work attached in accordance with the specifications, conditions of the tender, the articles of the agreements and such other materials as may be prescribed from time to time.

Should this tender be accepted, I/We.....

.....

hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed hereto so far as they may be applicable or in default thereof to forfeit the E.M.D. and pay the Kerala State Science and Technology Museum, the amount mentioned in the said conditions.

Director

Contractor

I/we.....  
 ..... have deposited a sum Rs. 11,500/- ( Rupees Eleven thousand five hundred only) as EMD in the form of crossed demand draft in favour of the Director, Kerala State Science and Technology Museum, payable at Thiruvananthapuram. Should I/We fail to execute the agreement when called upon to do so, or to commence work as provided in the conditions, I/we do hereby agree that the Museum shall without prejudice to any right or remedy be at liberty to forfeit the EMD absolutely and also recover from me /us the entire loss that may be caused to the museum by retender arrangement of the work otherwise, under the provisions of Revenue Recovery Act or otherwise.

I/we agree that arbitration shall not be a means of settlement of any dispute or claim arising out of this contract.

Signature of the tenderer  
 Full Name and address:

**Details of EMD:**

DD No. .... dt..... for Rs. .... drawn on .....  
 .....

## **Instructions and General Conditions**

Kerala State Science and Technology Museum is an Autonomous Organisation, registered under Charitable Societies Act, established by the Govt. of Kerala for popularizing Science education to various sections of the society. This Museum is governed by a Governing Body chaired by the Hon'ble Minister for Education.

### **1. Submission of tender**

Tender shall be submitted in sealed covers super scribing the name of the tender as 'Tender No. C/477/15 - "Tender for the supply, installation, testing & commissioning of Incinerator for waste disposal" at the campus of Kerala State Science and Technology Museum, Thiruvananthapuram and shall contain the following.

- (a) Complete set of Tender documents as issued by the Museum together with addenda/corrigenda if any, filled in and signed by the tenderer, with address stamps/seals wherever stipulated.
- (b) Earnest money deposit of Rs. 11,500/- ( Rupees Eleven Thousand Five Hundred only) in the form of crossed demand draft drawn in favour of the Director, Kerala State Science and Technology Museum, Thiruvananthapuram payable at Thiruvananthapuram.
- (c) Technical brochure of the incinerator.

The offer shall be valid for a period of 60 days from the date of opening of the tender. Tender not accompanied by the E.M.D. shall be rejected as non- responsive.

### **2. Acceptance / Rejection of tenders**

The tenders submitted after the stipulated time of submission shall be rejected. The tenders not submitted in the prescribed forms, not duly signed at the places marked, incomplete/torn off tender forms etc. shall be rejected. The Director, Kerala State Science and Technology Museum, Thiruvananthapuram reserves the right to accept or reject any of the tenders without assigning any reasons thereof. Becoming the lowest offered party does not entitle a tender to award the work. Apart from cost, quality of work, durability, track record of the supplier etc. will also be considered for awarding the supply.

### 3. Place of work and time of completion.

The scope of the work covered by this tender is limited to the supply, installation, testing and commissioning of smokeless incinerator as per the technical specifications attached at the campus of Kerala State Science and Technology Museum, Vikas Bhavan, Thiruvananthapuram. The work include supply of machineries/plants and accessories involved, installing the equipment as per technical specification of the vendor, arranging all civil works for installation, erecting the chimney as per specification, providing a semi-permanent roof for the system, testing & commissioning of the incinerator, training the staff in operation etc. and handing over the system to the Museum. The owner will only provide the site ready for installation, free from obstacles. Time of supply & quality of the materials are the essences of this tender. The works covered by this tender shall be completed in all respects within 30 days from the date of award of the work. The tenderer is advised to visit the site before quoting for the work.

### 4. Guarantee period.

The work done against this tender shall be guaranteed for hassle free functioning for a period of one year from the date of completion of the work. The item shall be guaranteed against usage of inferior quality of materials and poor workmanship. Any defects found during this period shall be rectified/replaced by the supplier free of charges to the Museum within a reasonable period of 10 days after written notice. If the contractor fails to do so, the Museum shall have the right to arrange rectification at the risk & cost of the supplier, and for adjusting the expenses from the security deposit for the work.

### 5. Agreement for the work.

Within 7 days of receipt of the letter of award, the supplier has to execute an agreement with the Museum for the due fulfillment of the contract in the prescribed format, along with a security deposit of 5% of the contract value in the form of Demand Draft, in favour of the Director, KSSTM, payable at Trivandrum or by way of Bank Guarantee from any Nationalized bank in the approved format. The EMD submitted by all the tenders will be released upon executing the agreement by the successful tenderer. The security deposit vide this clause will be released after successful compliance to the tender conditions, successful completion of the guarantee period and on certification of the Engineer.

Director

Contractor

6. Withdrawals of the offer after it is accepted or failure to arrange the work within a specified time or according to specifications will entail cancellation of the order and work being made at the offers expenses from elsewhere, any loss incurred thereby being payable by the defaulting party. In such an event the Museum reserve the right to remove the defaulter's name from the list of Museum's vendors list and to report to the Government for blacklisting the tenderer in Government works permanently or for a specified number of years.

7. The rates quoted shall be firm for a period of 60 days from the date of opening of the tender. Rates offered shall be inclusive of **all taxes & duties in force**. The quantities mentioned in the schedule of works are tentative, and payments will be made on actual successful execution of the work. No claim, whatsoever, will be entertained due to variation of quantities, or any other reasons. No representation for enhancement of price will be considered during the currency of the contract, or after the completion.

9. Any attempt on the part of tenderers or their agents to influence the officers concerned into their favour by personal canvassing will disqualify the tender.

#### **10. Payment terms**

- a. 95 % payment cost as per agreed rates shall be made on successful completion of the work, upon certification of the Engineer-in-charge.
- b. 5% payment shall be retained from the bill as part of the security deposit. The security deposit, along with the amount deposited at the time of executing the agreement will be released on successful completion of the guarantee period, after adjusting liabilities, if any, upon certification of the Engineer-in-charge.

#### **11. Arbitration**

Disputes shall be settled mutually, if not through arbitration. The competent courts of Thiruvananthapuram shall only have the jurisdiction to try any dispute arising out of this.



**11. Commercial.**

- Rates quoted shall be inclusive of all taxes, duties and levis currently in force, and shall be firm during the course of the work. Escalation, on any ground, shall not be considered during the course of work or after the completion.
- Extra items, if found essential during the course of work, shall be executed on mutually agreed rates.
- Adequate security provisions shall be arranged by the contractor during the installation & commissioning of the system, and the Museum shall not have any responsibilities for the safety of men and materials involved in the work during the course of the work.

**12. Technical.**

- The Incinerator shall be of “No Fuel incinerator type with diesel & LPG support” and scrubber with accessories.
- System shall be with dual chambers with burner, blowers, scrubber, stainless steel stack, supports and other accessories.
- The incinerator shall have a capacity to handle 40-50 kgs of waste per day.
- Burning rate of incinerator shall be around 25 kg/hr.
- Waste feeding shall be manual
- The materials used for the incinerator shall be ceramic alumina bricks, and ceramic blanket insulators with MS covers of relevant standards.
- Chimney shall be of Stainless steel pipe, minimum 40 feet long and with adequate supports.
- Foundation having an overall size not less than 3.60 m x 3.60 m x 0.75 m, made out of plain cement concrete leveling course, brick work basement, 75 mm thick cement concrete flooring with nominal reinforcement, plastering etc. as per requirement & directions.
- The staff members designated shall be trained in the daily running and routine maintenance of the system and a technical write-up shall be submitted along with the bill for the work.
- Statutory approval from the State Pollution Control Board shall be obtained by the contractor for installation & running of the plant at the campus of KSSTM.

**Schedule of works:****Name of work: Supply, installation, testing & commissioning of Incinerator for waste disposal**

<b>Item No</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	Supply, installation, testing, commissioning & handing over of "No fuel type" incinerator with Diesel and LPG support, scrubber & accessories, 40' high chimney, duel chamber system, with a waste handling capacity of 40-50 kg per day at the campus of KSSTM, including cost & labour for all related materials and accessories, as per technical specifications of the vendor of the system.	Each	1 No		
	<b>Total:</b>				
	<b>Rs:</b>				

**Undertaking:**

I/we hereby agree to execute the above works at the quoted rates, in accordance with the terms and conditions of the tender. Should I/we fail to execute the agreement, or execute the work after the work is awarded, I/we have no objection in KSSTM forfeiting the EMD remitted for the work by me/us.

Place:

Signature:

Date:

Name &amp; address of the tenderer: