

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

Vikasbhavan.P.O, Thiruvananthapuram-695 033

Phone : 0471 – 2306024 Fax- 0471-2304286

www.ksstmuseum.com



**Tender for**

**Integration of Electro mechanical water fountain formations  
with existing DMX based lighting system at KSSTM,  
Thiruvananthapuram**

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

.....

.....

Last date and time of submission

of tender : 04/03/2021 3PM

Date and time of opening of tender : 04/03/2021 4PM

Probable amount of contract : Rs. 4,30,000/-

Time of completion : 30 days

Earnest Money Deposit : Rs. 6,450/-

Cost of Tender Documents : Rs. 860/-+18%GST

## CONTENTS

Notice inviting tender	:	3
Form of Tender	:	5
Unconditional acceptance of Tender conditions	:	7
Instructions and General Conditions	:	8
Special conditions	:	11
Schedule of works	:	13

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

Vikasbhavan.P.O, Thiruvananthapuram-695 033  
Phone : 0471 – 2306024,2306976,2304286 Fax- 0471-2304286

Tender No:C/793/10/KSSTM

Dated:22/2/2021

**Notice inviting tenders**

Sealed tenders are from reputed Contractors/Agencies for the Supply and Installation of DMX control system for “The Integration of musical fountain formations with existing DMX based lighting system” at 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 2 pm on 04/03/2021 on payment of Rs. 860/- +18%GST Filled up tenders, accompanied with an EMD of Rs. 6,450/- in the form of DD drawn in favour of the undersigned, payable at Trivandrum will be accepted till 3 pm on 04/03/2021 and will be opened at 4 pm on the same day. Tender forms can also be downloaded from web site [www.ksstmuseum.com](http://www.ksstmuseum.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 In Charge**

Kerala State Science & Technology Museum  
Vikas Bhavan PO  
Thiruvananthapuram 33  
Ph: 0471-2306024/25  
2304286

**General Information of contractor**

- 1) Name of the firm/Tenderer :
- 2) Address :
  
- 3) Contact person :
- Phone
- Fax
- Email
- Cell Phone
- 4) Registration No. (If any) :
- 5) Details of type of contract license held (If any):  
(Copy to be enclosed)
  
- 6) Permanent Account No. (PAN) :
- 7) Details of Bank A/c :
- Account Number :
- IFSC Code :
- Name & Branch
- 8) GST Registration No.(If available) :

**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. 6,450/- ( Rupees Six Thousand Four Hundred and Fifty 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 .....  
 .....

**UNCONDITIONAL ACCEPTANCE OF TENDER CONDITIONS****NAME OF WORK: Supply and Installation of DMX Control system for Electro mechanical fountain formations for the Integration with existing DMX based lighting system**

I/We of M/s. \_\_\_\_\_, bidder for the above noted work do hereby unconditionally accept all the terms and conditions mentioned in the tender documents.

Further, we have noted that after unconditionally accepting the tender conditions in its entirety, it is not permissible to put any remarks/conditions in the tender submission envelope. In case this provision of the tender is found violated at any time after opening of the tender, we agree that the tender is liable to be rejected and KSSTM shall, without prejudice to any other right or remedy, be at liberty to forfeit the full said Earnest money absolutely.

Signature of the Bidder:

Name of the tenderer:

Director

Contractor

## **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 cover, subscribed as **“Tender for the Supply and Installation of DMX Control system for electromechanical fountain formations for the Integration with existing DMX based lighting system”**. The cover 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. The rate quoted shall be both in words and figures. In case of any mismatch between the two, the amount indicated in words will be considered correct.
- (b) Earnest money deposit of Rs. 6,450/- (Rupees Six Thousand Four Hundred and Fifty only) in the form of crossed demand draft drawn in favour of the Director, Kerala State Science and Technology Museum, Thiruvananthapuram payable at Thiruvananthapuram.

The offer shall be valid for a period of 30 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 contractor, guarantee offered 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 **The Supply and Installation of DMX Control system for Electro mechanical fountain formations for the Integration with existing DMX based lighting system** at Kerala State Science and Technology Museum, Vikas Bhavan, Thiruvananthapuram. The tenderer is advised to visit the site before quoting. Time of completion, quality & precision in measurements 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 agreement for the work.** Work will be treated as complete only upon approval and certification of the officer – in charge.

### **4. Security Deposit for Agreement for the work.**

Within 7 working days of receipt of the letter of award, the awarded contractor has to execute an agreement with the Museum for the due fulfillment of the contract in the prescribed format, with a security deposit of 3% of the contract either in the form of Demand Draft, in favour of the Director, KSSTM, payable at Trivandrum or Bank Guarantee of Cash. The EMD submitted by all the tenderers will be released upon executing the agreement by the successful tenderer. The security deposit vide this clause will be released after successful completion of the guarantee period vide clause (5) below, and on certification of the Officer in charge.

### **5. Guarantee period.**

The works covered by this tender shall be guaranteed for a minimum period of 18 months from the date of handing over of the works. Any defects observed during this period due to the usage of inferior quality materials of bad workmanship shall be rectified/replaced as per opinion of the client/consultant within a reasonable period of 7 days, failing which the Museum shall have the right to rectify/replace the same at the risk and cost of the 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 30 days from the date of opening of the tender. Rates offered shall be inclusive of **all taxes & duties in force at the time of tendering**. The quantities mentioned in the schedule of works are indicative, and no additional claims for deviation in quantities will be entertained during the tenure of the work, or after the completion. The Museum shall have the rights to increase/decrease/ delete item/items of work mentioned in the schedule of works, according to the site requirements. No representation for enhancement of price will be considered on any ground.
8. The tenderers are requested to visit the site and collect required data from the Officer in charge before submitting the tender.
9. It is the primary responsibility of the contractor to ensure the working premises and the surrounding areas neat and tidy. The contractor shall have his own arrangements for cleaning the areas at regular intervals for enabling smooth functioning of the Museum, failing which the Museum shall make arrangements at the risk & cost of the Contractor.
10. All the debris generated from the work shall be cleared from the campus of KSSTM and disposed off at a convenient places identified by the contractor, including all charges of loading, conveyance and unloading. The Museum shall not take any responsibilities in this regard.
11. 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.
12. All disputes arising out of or in any way connected within this tender shall be deemed to have arisen in Thiruvananthapuram and only civil courts in Thiruvananthapuram shall have jurisdiction to determine the same.

17. **Payment terms**

95% value of work will be released on completion of the work and certification of the Officer – in - charge. 5% will be paid on successful completion of the guarantee period, along with the security deposit.

Special conditions for payment, if any, printed on the tender sheets by the tenderer or attached with the tender will not be applicable to the tender unless they are expressly accepted in writing by the Director, KSSTM.

**Special Conditions of Contract**

**Supply Installation testing and commissioning of DMX Control system for Electro mechanical fountain formations and Integration with existing DMX based lighting system**

1. **General scope of work**

Supply and Installation of DMX Control system for Electromechanical fountain formations for the Integration with existing DMX based lighting system at KSSTM, Trivandrum as per the tender requirement.

2. **Quality Control**

The quality of materials used shall conform to the specification in the BOQ attached. Excellent workmanship is expected and any faults identified shall be rectified immediately.

3. **Defect liability period**

The contractor shall give all necessary personal superintendence during execution of works and till the expiry of Defect Liability period of 18 month. Replacement of faulty equipment/material if found shall be replaced with new ones.

4. **Safety**

The safety of the men and materials till handing over of the project will be under the scope of the party.

5. **Subletting:**

The whole of works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer or sublet the contract.

6. **Completion period**

The work shall be completed in all respects within 30 days of execution of agreement for the work .

**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.
- Quantities mentioned in the schedule of works are approximate. The contractor shall execute the required quantities as per actual requirements and directions of the officer in charge, and no claim for variation in rates shall be considered due to variation in quantities.
- Adequate security provisions shall be arranged by the contractor, 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.

**SCHEDULE OF WORK**

SI No	Description	Qty	Unit	Unit Price	Amount (Rs)
1	SITC of DMX-Universal-Demux 8Channel	5	Nos		
2	SITC of DMX Audio Player – Sd-25 w/DMX	1	No		
3	SITC of Decoder Control Panels Parts by Using Existing Control Panel Box – Solid-state relay	1	Lot		
4	Programming & Coding Services – Integrating with existing Show Controllers – Audio Player & Decoders. Training & Coding 2 Shows of atleast 20 minutes each.	1	Lot		
<b>Total Amount</b>					
<b>GST @18%</b>					
<b>GRAND TOTAL</b>					

Director

Contractor