

Limited Tenders published by Keralam Museum on 03.07.2019

- I. Limited Tenders are invited from Empanelled Consultants and Firms for the different works related to the setting up of Vaikom Sathyagraha Museum, Vaikom as detailed below.

Selected Consultants / Firms for museum allied works can apply.

Details of Tender

Designing and implementation of various works including setting up of Museum galleries, Exhibitions, Electrical and lighting, Labelling, Documentation and digitalization, Integrated Interactive Panel setting etc at the Vaikom Sathyagraha Smaraka Museum, Vaikom.

Estimate Amount = 5273605.00/-+GST

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1.Tender Inviting Notice



KERALAM MUSEUM OF HISTORY & HERITAGE Park View, Thiruvananthapuram-33

(Nodal agency of all museums under Cultural Affairs Dept. Govt. of Kerala)
Website: www.museumkeralam.org | Email: info@museumkeralam.org
Phone: 0471-2320231, +91-9567019037

Limited Tender No: 1/KIM/TENDER/2019-20

03-07-2019

NOTICE INVITING LIMITED TENDER AMONG CONSULTANCY FIRMS/CONSULTANTS

The Executive Director, Keralam museum of history and heritage, Park View, Vikas Bhavan P O, Thiruvananthapuram for and on behalf of the Governing Board of Keralam Museum invites sealed Tenders from the empanelled Consultants /Agencies /Firms of Keralam Museum.

1	Name of work	Designing and implementation of various works including setting up Museum galleries, Exhibitions, Electrical and lighting, Labeling, Documentation and digitalization, Integrated Interactive Panel setting etc at the Vaikom Sathyagraha Smaraka Museum, Vaikom.
2	Estimate Amount	5273605.00+ GST (applicable)
3	Earnest Money Deposit	50000.00/-
4	Tender Document Fee	2500
5	Period of completion	3 months
6	Classification of bidder	Empanelled firm / consultants /contractors of Keralam Museum.
7	Tender documents	Can be downloaded from the website www.museumkeralam.org
8	Last date and time of Receipt of Tender	16.07.2019 3 PM
9	Date and Time of opening of Tender	16.07.2019 4 PM

CONDITIONS

Tender documents and tender schedule shall be downloaded free of cost from the website www.museumkeralam.org . Cost of tender document and EMD mentioned above should be in the form of separate Demand Draft in favour of **Executive Director Interactive Museum of Cultural History of Kerala, Trivandrum** payable at Trivandrum. Both demand drafts should be enclosed in sealed cover along with tender documents.

The tenders are to be accompanied with a preliminary agreement executed in Kerala stamp paper worth Rs. 200/-. Tenders received without EMD, cost of tender documents and preliminary agreement will not be considered and shall be summarily rejected. Further details can be had from Keralam Museum of History and Heritage Vikas Bhavan. P.O Thiruvananthapuram during working hours. All other existing conditions related to tender (Limited tender) of Kerala will be applicable in this tender also. The Keralam Museum of History and Heritage will not be responsible for any error like missing of schedule dates while downloading by Bidder.

This tender is exclusively for empanelled Consultancy Firm/ Contractor/ Consultant. The bids submitted by other firm/ contractor who were not empanelled will be rejected. The bids shall be submitted in sealed cover through Registered post/ Speed post before time of opening. Late tenders will not be accepted.

Excess over estimate/ below estimate rate shall be allowed by the committees constituted for Museum setting works if necessary.

The bids shall be opened at Keralam Museum office on 16.07.2019, 4 P.M by **Executive Director/ Keralam Museum of History and Heritage Park view Thiruvananthapuram** in the presence of the Bidders/ their representatives who wish to attend at the above address of the tender opening date happen to be on a holiday or non working day due to any other valid reasons the tender opening process will be done on the next working day at same time and place.

Executive Director

2.Tender Schedule

Name of work: Designing and implementation of various works including setting up of museum galleries, Exhibitions, Electrical and lighting, Labelling , Documentation and digitalization, Integrated interactive Panel setting etc at the Vaikom Sathyagraha Samaraka Museum Vaikom.

APPENDIX A					
Sl.No	Item	Unit in	Quantity	Unit rate in Rs.	Amount(Rs)
I.					
1.	Theendapalaka (replica 3*5*1.5gt)				
a	Wood carved letters (laser cutting and rootter carving)	Sqft	15	2500.00	37500.00
b	Texturing the side wall with cement mortar with material and labour charges (after chipping and polishing the outer layer)	Sqft	200	250.00	50000.00
c	Texture painting with labour charges	sqft	200	180.00	36000.00
2.	Reception				
a	Reception Table: Made with 16mm. marine plywood (Green or Century) with Vineer Melamine finish)(90*160*92cm)materials and labour charges including	Sqft	1	32000.00	32000.00
b	C.C.T.V Room Cabinet (2m*2m*1m) using chipwood and plywood with matte paint finish	no	1	28000.00	28000.00
c	LED Background board (4*7ft)3mm Acrlic direct printing with LED tubes. Labour charges and fixing charges included	Sqft	28	1550.00	43400.00
d	The cabin for fixing LED dislay backdrop (8*8*1ft).12mm plywood with matte finish. 4 cabins of 2*2ft at the bottom too	No	1	26000.00	26000.00
3.	Electrical Work				
a	Fan 2				
b	LED lights(General lighting)Philips brand 4				
c	Switch, plug points wire and DB points	No	1	20000.00	20000.00
d	Labour charges for setting display lights for the hall				
II.	Exhibition Hall (All the three galleries)				
1.	Electrical work				
a	Fan	No	12	1500.00	18000.00

b	LED lights (General lighting)Philips brand	No	40	2000.00	80000.00
c	Switch, plug points, wire and DB points	No	1	60000.00	60000.00
d	Labour charges for setting display lights for the entire hall	No	40	1540.00	61600.00
III.	Hall right side area				
1.	Electrical work				
a	Fan	no	8	1500.00	12000.00
b	LED lights (General lighting)Philips brand	No	16	2000.00	32000.00
c	Switch, plug points, wire and DB points	No	1	35000.00	35000.00
d	Labour charges for setting display lights for ceiling electrical work	sqft	643	40.00	25720.00
IV.	Theatre room				
1.	Electrical work				
a	Fan	no	4	1500.00	6000.00
b	LED lights (General lighting)Philips brand	No	12	2000.00	24000.00
c	Switch, plug , wire and DB etc.	No	1	25000.00	25000.00
d	Exhaust fan	No	2	3000.00	6000.00
e	Labour charges for electrical work	sqft	467	40.00	18680.00
V.	Leader's Room				
1.	Electrical work				
a	Fan	No	4	1500.00	6000.00
b	LED lights (General lighting)Philips brand	No	12	2000.00	24000.00
c	Switch, plug , wire and DB etc.	No	1	20000.00	20000.00
d	Labour charge for electrical work	sqft	360	40.00	14400.00
VI.	Mahathma Gandhi Gallery				
1.	Electrical work				
a	Fan	no	3	1500.00	4500.00
b	LED lights (General lighting)Philips brand	No	6	2000.00	12000.00
c	Switch, plug , wire and DB etc.	No	1	20000.00	20000.00
d	Exhaust fan	No	1	3000.00	3000.00
e	Labour charge for electrical work	sqft	279	40.00	11160.00
VII.	Extension area of third gallery				
1.	Electrical work				
a	Fan	no	3	1500.00	4500.00
b	LED lights (General lighting)Philips brand	No	6	2000.00	12000.00
c	Switch, plug , wire and DB etc.	No	1	20000.00	20000.00
d	Exhaust fan	No	1	3000.00	3000.00
e	Labour charge for electrical work	sqft	208	40.00	8320.00
VIII	Transparent acrylic boards with lighting 1st gallery				
1	Light board 3*3 ft-5 nos	sqft	45	1550.00	69750.00

	(A single board will be a transparent acrylic direct printed, concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)				
2	Light board 3*2ft-7 nos (A single board will be transparent acrylic direct printed, concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	Sqft	42	1550.00	65100.00
3	Light board 2*2ft-5 nos (A single board will be transparent acrylic direct printed, concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	Sqft	20	1550.00	31000.00
4	Light board 8*4ft-1 no (A single board will be transparent acrylic direct printed, LED front fitted board, with a 3mm projection from the wall with white lamination at the back side)	Sqft	32	1550.00	49600.00
5	Light board 7*3 ft-1 no (A single board will be transparent acrylic direct printed, LED front fitted board, with a 3mm projection from the wall with white lamination at the back side)	Sqft	21	1550.00	32550.00
IX	Labelling -1st gallery				
1	Laser cutting with 3mm black acrylic 8*4ft (individually cutting and fixing the letters in the labels)	sqft	32	1600.00	51200.00
X	Installation work- 1st gallery				
1	Artistic labour charges and installation charges	No	25	1800.00	45000.00
XI	Transparent acrylic boars with lighting 2nd gallery				
1	Light board 3*3ft-6 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	54	1550.00	83700.00
2	Light board 3*2ft-14 nos	sqft	84	1550.00	130200.00

	(A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)				
3	Light board 2*2ft- 8 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	32	1550.00	49600.00
4	Light board 8*4ft- 2 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	64	1550.00	99200.00
XII	Labeling –IInd gallery				
1	Laser cutting with 3mm black acrylic 8*4ft (individually cutting and fixing the letters in the lables)	sqft	32	1600.00	51200.00
XIII	Installation work-IInd gallery				
1	Artistic labour charges and installation charges	No	32	1800.00	57600.00
XIV	Transparent acrylic boards with lighting IIIrd gallery				
1	Light board 3*3ft-14 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	126	1550.00	195300.00
2	Light board 3*2ft-14 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	84	1550.00	130200.00
3	Light board 2*2ft- 13 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	52	1550.00	80600.00

4	Light board 8*4ft- 5 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	160	1550.00	248000.00
5	Light board 7*3 ft-1 no (A single board will be transparent acrylic direct printed, LED front fitted board, with a 3mm projection from the wall with white lamination at the back side)	Sqft	21	1550.00	32550.00
XV	Labelling -IIIrd gallery				
1	Laser cutting with 3mm black acrylic 8*4ft (individually cutting and fixing the letters in the lables)	sqft	32	1600.00	51200.00
XVI	Installation work IIIrd gallery				
1	Artistic labour charges and installation charges	No	120	1800.00	216000.00
XVII	Transparent acrylic boards with lighting Mahatma Gandhi gallery				
1	Light board 3*3ft- 2 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	18	1550.00	27900.00
2	Light board 3*2ft-4 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	24	1550.00	37200.00
3	Light board 2*2ft-4 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	16	1550.00	24800.00
4	Light board 8*4ft-1 nos(A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with	sqft	32	1550.00	49600.00

	white lamination at the back side)				
XVIII	Labelling –Mahatma Gandhi gallery				
1	Laser cutting with 3mm black acrylic 8*4ft (individually cutting and fixing the letters in the lables)	sqft	32	1600.00	51200.00
XIX	Installation work Mahatma Gandhi gallery				
1	Artistic labour charges and installation charges	No	10	1800.00	18,000.00
XX	Transparent acrylic boards with lighting Leader’s Gallery				
1	Light board 3*3ft-2 nos(A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	18	1550.00	27,900.00
2	Light board 1.5*1.5*ft -42 nos (A single board will be a transparent acrylic direct printed concealed LED fitted board, with a 3mm projection from the wall with white lamination at the back side)	sqft	94.5	1550.00	146475.00
XXI	Labelling -Leadrs gallery				
1	Laser cutting with 3mm black acrylic 8*4ft (individually cutting and fixing the letters in the lables)	sqft	32	1600.00	51200.00
XXII	Installation work Leader’s gallery				
1	Artistic labour charges and installation charges	No	30	1800.00	54000.00
XXIII	3D objects in the museum				
1.	Miniature of Vaikom Mahadeva temple (7*3*3ft size, material using foam board, wood, fiber glass multiwood, chipwood, bronze and steel)	misc	1	100000.00	100000.00
2.	Replica of the seat and the personal accessories used by Gandhiji (6*3ft) 1. Writing table 2. Charka 3. Handrest 4. seat	misc	1	30000.00	30000.00
3	Panorama of the incident, Gandhiji visiting vaikom Sathygraha, with acrylic and foam board cutouts with proper	misc	1	80000.00	80000.00

	lighting				
XXIV	Home theatre projector				
1	Home theatre projector(Dip projector, Benq MH 530)	No	1	54000.00	54000.00
2	Sound system brand onkiyo 5.2	No	1	89500.00	89500.00
3	Wall mount kit	No	1	2500.00	2500.00
4	HDMI cable 10mtr	Misc	1	2000.00	2000.00
5	Installation charges	Misc	1	3000.00	3000.00
XXV	Executive furnitures				
1	Executive chairs	no	10	4500.00	45000.00
2	Desktop Specifications Brand AS INFOTECH Colour Multi coloured Item part numberCDTPC00051221 Processor Brand Intel Processor Type core i5 Processor speed 3.10 GHz Processor Count 1 RAM Size 4GB Computer Memory Type DDR3 SDRAM Hard Drive Size 1TB Hard disk Technology HDD 7200 rpm Hard Drive interface serial ATA Hardware Platform Windows Operating System DOS	no	1	30000.00	30000.00
3	Inverter-Luminous Power UPS Inverter	no	1	50000.00	50000.00
XXVI	Man power hiring for specified areas with skilled people				
1	Illustration (10 illustrations to be done, by expert)	No	10	6000.00	60000.00
2.	Collection of historical details	months	3	50000.00	150000.00
3.	Documentation and digitalisation	months	2	90000.00	180000.00
	Total of Appendix A				3973605.00

APPENDIX B

I.O.T Integrated Interactive Panel

SECTION A

Device & Pheripherals	Unit of measure	Quantity	Rate (Rs)	Amount (Rs)
AROUND UNO WiFi REV2	Nos	1	4149.00	4149.00
Arduino Engineering Kit	Nos	1	24207.00	24207.00
Grove-Hall Sensor	Nos	1	414.00	414.00
Grove-PIR Motion Sensor	Nos	2	829.00	1658.00
Grove-Gesture	Nos	4	899.00	3596.00
Grove- Touch Sensor	Nos	5	484.00	2420.00
Grove- 4 pin Female to Grove 4pin cable	Nos	20	207.00	4140.00

Potentiometer	Nos	6	600.00	3600.00
Sub Total				44184.00
Machine (Dell Inspiron 15 3576 Laptop)				
Processor-8 th Generation Intel@core TMi7-8550U	Nos	1	70700.00	70700.00
Processor –(8MB Cache,up to 4.oGHz)				
Operating System- windows 10 Home Plus Single	Nos	1		
Memory- 8GB,DDR4,2400MHz, upto 16GB	Nos	1		
Video Card-AMD Radeon TM 520 Graphics with 2G	Nos	1		
Driver- Wireless Driver of 802.11ac+bluetooth4.1Dual	Nos			
Hard Drive-2TB 5400 rpm Hard Drive	Nos			
Display 15.6 inch FHD (1920x1080) Anti-Glare LED	Nos			
Sub Total				70700.00
Device Fabrication	Lot	1	25000.00	25000.00
Wooden spring wheel:27,000/-INR	Lot	1	27000.00	27000.00
Section A Total				166884.00
Section B	Unit of Measure	Quantity	Rate (R.s)	Amount (Rs)
Projected Display	Set	2	179000.00	358000.00
Optoma Ultra short Throw 3D 1080p Projector	Set	2		
Sub total				358000.00
Optoma OPCWM1100 Dual-Stud, Ultra short Throw, Telescoping wall Mount projector Accessory	Set	2	56844.00	113688.00
Sub Total				113688.00
Generic 4k HDMI video splitter:2,900/-INR	Nos	1	2900.00	2900.00
Belkin F3Y021bt5M high Speed HDMI cable/piece:1200	Nos	4	1200.00	4800.00
Sub total				7700.00
Section B total				479388.00
Section C	Unit of Measure	Quantity	Rate (Rs)	Amount (Rs)
Display panel-Nylon screen with steel framing nylon screen 8ftx14ft=112ft ²	Feet	112	840.00	94080.00
Steel framing 120ft-steel square pipe-1360/-INR/20ft	Feet	20	408.00	8160.00
Installation components	Lot	1	10000.00	10000.00
Labour-10x950=9500/-INR	Nos	10	950.00	9500.00
Section C total				121740.00
Section D				
Device & Peripherals	Unit of measure	Quantity	Rate (Rs)	Amount (Rs)
Electrification and cabling wiring-2.5SQ.mm	Coil	2	2765.00	5530.00

(grade-1100v)180m-2765/-INR/90m coil				
Sub total				5530.00
Switches plugs and boxes	Lot	1	10598.00	10598.00
Display cables (HDME)-20mX3	Nos	3	3800.00	11400.00
Sub total				21988.00
Section D Total				27528.00
Section E				
Device & Peripherals	Unit of measure	Quantity	Rate (Rs)	Amount (Rs)
Software development	lot	1	450000.00	450000.00
Content development	Lot	1		
Motion Graphics	Lot	1		
Section E total				450000.00
Section F				
Device & Peripherals	Unit of measure	Quantity	Rate (Rs)	Amount (Rs)
Miscellaneous	Lot	1	54460.00	54460.00
Transportation and other expenses	Lot	1		
Section F total				54460.00
Total of Appendix B				1300000.00
Grand Total of Appendix A & Appendix B	3973605.00 + 1300000.00			5273605.00

Executive Director

I agree to execute the work at
Estimate rate / _____% below / _____% above
Consultant

3.Tender Agreement

APPENDIX
FORM OF AGREEMENT

Preliminary Agreement entered into on this.....dayof.....
.....2016 between.....
.....for and on behalf of the
Government of Kerala (hereinafter called the Government) of the one part and
Sri.....
..... (H.E full name
and address of the Contractor) (hereinafter called

the Contractor) of the other part for the execution of the agreement as well as for the execution of the work

.....
.....

Whereas the Government invited tenders for the work

.....

..... (H.E name of the work) by notification

No.....dated.....in the

.....

Before commencing work or within a week after the date when the acceptance of the tender has been intimated to him, the probable value of contract which together with the amount of earnest money deposited shall be treated as security for the proper fulfillment of the same and shall execute an agreement for the work. If he fails to do this or maintain a specified in rate of progress (to be specified in each case in the tender schedule) the earnest money and security for the deposit shall be forfeited to Keralam Museum, fresh tenders shall be called for or the matter otherwise disposed off. If as a result of such measure due to the default of the tender to pay requisite deposit, sign contracts or take possession of the work any loss to Government results the same will be recovered from him as arrears of revenue, but should it be a saving to government the original contractor shall have no claim whatever to the difference. Recoveries on this or any other account will be made from the sum that may be due to the contractor on this or any other account will be made from the sum that may be due to the contractor on this or any other subsisting contracts or under the revenue recovery act or otherwise the Government may decide.

Now therefore these present witness and it is mutually agreed as follows:-

1. The terms and conditions for the said contract having been stipulated in the said tender form to which the contractor has agreed a copy of which is hereto appended which form part of this agreement it is agreed that the terms and conditions stipulated therein shall bind the parties to this agreement except to the extent to which they abrogated or altered by express terms and conditions herein agreed to and in which respect the express provisions herein shall supersede these of the said tender from.
2. The contractors hereby agree and undertaken to perform and fulfill all the operations and obligations connected with the execution of the said contract work.....
.....(H.E. the name of the work) If awarded in favour of the contractor.
3. If the contractor does not come forward to execute the original agreement after the said work is awarded and selection notice issued in his favour or commits breach of any of the conditions of the contracts as quoted above within the period stipulated them, the government may re-arrange the work otherwise or get it done departmentally at the risk and cost of the contractor and the loss sustained by the Government can be realized from the contractor under the Revenue Recovery Act as if arrears of land revenue as

assessed qualified and fixed by the adjudicating authority consisting of the Principal Secretary, Revenue, Archives Archaeology, Museum & Director, Archaeology/Archives/Museum & Executive Director Keralam Museum any other officer or officers authorized by the government in this behalf taking into consideration the prevailing DSR rates and after giving due notice to the contractor.

- 4. The contractor further agrees that any found due to the Government under or by virtue of this agreement shall be recoverable from the Consultant /Contractor from his EMD and his properties movable and immovable as arrears of land revenue under the provisions of the revenue recovery act for the time being in force or in any other manner as the Government may deem fit in this regard.
- 5. “The Contractor further assures that is clearly understood that the settlement of claims either by part bills or by final bills will be made only according to the availability of budget provision and allotment of funds made with the Executive Director, Keralam Museum under the respective heads of account in which the work sanctioned and arranged and also subject to the seniority of such bills. No claims for interest or damages whatsoever shall be made for the belated settlement of claims of bills.

IN WITNESS WHERE OF Sri.....

The contractor has set their hands on the day and year first above written.

Signed by Sri.....

Officer/Officers Keralam Museum in the presence of Witnesses.

1.

2.

Signed and delivered by Sri.....(the contractor)

In the presence of Witnesses:

1.

2.