



KERALAM MUSEUM OF HISTORY & HERITAGE (IMCK)

Park View, Thiruvananthapuram-33

(Nodal agency of museums under all the Departments and
institutes functioning under the control of Govt. of Kerala)

Website: www.museumkeralam.org, Email: info@museumkeralam.org

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No.KIM/169/2019

Date: 02.09.2024

REQUEST FOR PROPOSAL

Selection of Museum Consultancy Firm for Setting up of AKG Museum in the New Building coming up at Peralassery, Kannur Dt. Kerala under the Museum & Zoo Department Govt. of Kerala

Request For Proposal is invited by Interactive Museum of Cultural History of Kerala (Keralam Museum of History and Heritage) from the Empanelled/Non Empanelled, reputed, experienced, and competent Consultancy Firms for Setting up of AKG Museum in the New Building coming up at Peralassery, Kannur Dt. Kerala. The Non- Empanelled and empanelled firms should furnish company details and other required data within the prescribed format and should get pre-qualification before fixing the bid. The details relating to the nature and scope of the project, eligibility criteria, terms and conditions and other information relating to the Request For Proposal are as detailed below.

Sd/-

Executive Director

Interactive Museum of Cultural History of Kerala
(Keralam Museum of History and Heritage)

Setting up of AKG Museum in the New Building at Peralassery, Kannur Dt.Kerala

Introduction

AKG a real leader who fought for ordinary people, secularism and democracy till his death. He was a great revolutionary for whom struggle was a part of his existences. AKG was also a Great Communist who lived with people, learned from them and led their struggles. His life was full of many inspiring struggles which are constant sources of inspiration for the communists of all times. AKG played a leadership role first in the social reform movement and later in the Congress Socialist Party and Communist Party. His unflinching commitment of foiling classes earned him the name 'General of the Poor'. AKG left his unique walk in all the areas of his work, which made him among a movement rather than an individual.

AKG was a synonym for strikes and struggles. "He adopted struggles as his breath to his heart. His life inspires communists forever. Now generation must understand his legendary life and it will enlighten their lives". The proposed AKG museum will provide interactive galleries which unfold the eventful life of the stalwart of the working class.

Vision:

AKG museum is conceived as a personalia museum which show cases the unforgettable experience in the life of the real leader AKG.

The hectic story of AKG is unfolded through seven galleries with a theater space and having the story of Indian Coffee House. This museum will be equipped with the most modern digital techniques like digital viewer, LED Big Screen, Interactive Wall, 360 degree projection, Interactive Table, 3D object mapping VR and AR etc.

Gallery Concept

- | | | |
|-------------|---|---|
| Gallery 1 | - | Introduction- Speeches by AKG |
| Gallery 2 | - | High lights the first quarter of AKG's life during 1904 to 1929 |
| Gallery 3 | - | Highlights of the later part of his life from 1930-1977 including AKG's political and historical presence in Indian independence struggle, social reforms, life during emergency period and later part of his life till his demise. |
| Gallery 4 | - | Remembrance to AKG's life. The works by his friends and public figures. |
| Gallery 5&6 | - | Gallery of letters: The books written by AKG and books on him. |
| Gallery 7 | - | Experiencing AKG by involving in the struggles and projects lead by him.
Indian Coffee House and Theatre. |

Eligibility Criteria For Application

Those who are including Empanelled/Non Empanelled firms should attend the **Pre-bid meeting**.

Pre-bid meeting date 10.09.2024 Time – 11.00 am Medium of meeting

– Offline/Online (Zoom/Google meet)

Non Empanelled/Empanelled firms who are willing to participate in the Request Of Proposal shall submit their Firm details(General qualification)as described below on /before 06.09.2024. They will be informed the eligibility before the Pre-bid meeting. Consultants/Firms attending the Pre-bid meeting will get more details about nature and scope of the project, eligibility criteria, terms and conditions and other information relating to the Request For Proposal. Those who wants to participate in the bid shall pay Rs.5000/-by way of DD drawn in the name of Executive Director, Interactive Museum of Cultural history of Kerala towards cost of documents along with Bid documents in separate cover.

General Qualifications for not empanelled with Keralam Museum

1. The details of minimum 3 years experience in the Museum related works.
2. The details of minimum turnover of 3 crore in last 2 years.
3. The details of completed work with Project cost in last 3years–Minimum value of project 5 crores.
4. The firm should have a consortium containing the following Technical persons.
 - a. Curator
 - b. Museum designer
 - c. Historian with sufficient experience in said subject
 - d. Implementation team with minimum 5 years experience
 - e. Graphic Designer
 - f. MEP consultant
 - g. Lighting Experts
 - h. Other experts

Kindly submit the testimonials proving qualifications of the above persons.

1. Technical bid-Evaluation

1. History of the Firm–Turn over, when established, full time staff etc

Total-20 Marks

Up to 3year- 10 marks

Up to 5year- 15 marks

Above 5year-20 marks

2. Technical competence –Details of projects done ,similar projects executed

Total-20 Marks

Works executed up to 2crore/2year- 10 marks

Works executed up to 3crore/2year- 15 marks

Works executed above 3crore/2year-20marks

3. Specific experience -Experience in setting up museums or galleries, experience in Kerala

Total-30Marks

1 Work -10 marks

3 Works -20marks

More than 3Works-30 marks

4. Understanding of this project brief – a note on their understanding and approach

Total–30Marks

The marks shall be given one valuation of understanding the project brief.

The Marks secured out of 100 will be converted to out of 40 marks. The Technical bid of ALL the firms should be evaluated against total marks of 100.Empanelled firms should

also submit the full technical bids. The firm/company who secure at least 50 % of score in the evaluation will be treated as qualified for Technical presentation.

2. Technical Presentation

Eligible candidates can participate in the presentation after qualifying Technical bid evaluation.

Medium of Presentation–Offline/Online (Zoom/Google meet)

The technical presentation should be entirely based on the design already prepared.

20 marks-Understanding the brief

20marks-Respecting the historicity of the building and demonstrative adaptive reuse

20marks–Understanding the Design flow/strength

20marks-Economics of design

20marks-Confidence in executing

Total marks=100 marks

Awarded marks out of 100 will be converted to out of 30marks. The firm/company who secure at least 50 % marks (15/30) will be treated as qualification for submitting financial bid.

Those who secure 50% marks in technical bid evaluation and technical presentation shall be eligible for the financial bid. The financial bid of those are not eligible shall not be opened for competition.

3. Financial Bid

The Financial bid should be based on the design and estimate already prepared

Estimate Amount =Rs. 4,08,82,139.40/-+GST

a) The bidder who secure at least 50% of score in the presentation will be treated as technically qualified.

- b) The Financial Bids of the technically qualified bidders will be opened on the prescribed date in the presence of the bidder or their representatives who are authorized by bidder.
- c). The lowest financial bidder(L1)will be awarded100% score.
- d) Financial Scores for other thanL1bidders will be evaluated using the following formula:
Financial Score of a Bidder= $\{(Financial\ Bid\ of\ L1/Financial\ Bid\ of\ the\ Bidder)\}$
 $X100\}\%$ (Adjusted to two decimal places)
- e) Only fixed price financial bids indicating total price for all the services specified in this bid document will be considered.
- f) The bid price will include all taxes and levies and shall be in Indian Rupees.
- g) Errors & Rectification: Arithmetical errors will be rectified on the following basis: “If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail”.

Combined Evaluation of Technical bid, presentation & Financial Bids

- a) The technical bid, presentation and financial scores secured by each bidder will be added using weightage of 40 for technical evaluation, 30 for presentation and 30 for financials respectively to compute a Composite Bid Score.
- b) The bidder securing the highest Composite Bid Score will be declared as the Best Value Bidder for award of the Project.
- c) In the event of the bid, if the composite bid scores are ‘tied’, the bidder securing the highest technical score will be declared as the Best Value Bidder for award of the Project.

d). The successful bidder has to provide a letter of acceptance to Interactive Museum of Cultural History of Kerala (Keralam Museum of History and Heritage, Trivandrum) within seven days of receiving communication about his/her selection from the Department.

e). The successful bidder shall to sign an agreement with payment schedule at the time of award of the work.

f). Keralam Museum of History and Heritage reserves all the rights to accept or reject any/all Request For Proposal applications, without assigning any reason. The Department takes no responsibility for the delay, loss or non-receipt of any submission or letter sent by post, within the prescribed time period.

Conditions and Notes

*Completion of work is 6 months

*Cost of RFP document mentioned above should be in the form of separate Demand Draft in favour of Executive Director Interactive Museum of Cultural History of Kerala, Trivandrum

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

*DPR details will be available in the Keralam Museum at the Office time. You can contact directly for getting details of the project.

*The drawings and estimates are separately attached along with documents

*The presentation should be entirely based on the design already prepared.

*The Financial bid should be based on the design, drawing and estimate already prepared

*If the mentioned brand and model equipments is not available in the market, other brands with the equivalent specification can be used at their present market rate

*Lumsum (LS) works enclosed in the estimate can be finalized as per work executed on consulting with Keralam Museum

Application / Request For Proposal in sealed cover with complete details in all respects and superscribed as Selection of Museum Consultancy Firm for Setting up of an Introductory gallery to the RRV Art gallery shall be submitted at the following address. A soft copy of Presentation shall be sent along with this application. Interested consultants/ consortia of consultants can download the Request For Proposal documents from the website www.museumkeralam.org. The last date for receipt of application (hardcopy) is 25.09.2024 at 4.00 pm on and date of presentation is fixed on 01.10.2024.

Sd/-
The Executive Director
Interactive Museum of Cultural History of Kerala
(Keralam Museum of History and Heritage),
Park View Vikas Bhavan P.O,
Trivandrum-695033.

AKG MUSEUM - Setting up of Museum galleries ESTIMATE (Keralam Museum RPF) BOQ

SL.No	Description	Unit	Qty	Rate	Amount
<u>1 R AND D</u>					
1	od338945/2023_2024 "CONTENT IN MALAYALAM AND ENGLISH: Based on DPR and illustration derive text content carve data and information of object, it may embellished by many pictograms, diagrams, and illustrations that may be more interest in museum visitor 	Day	25	7224.53	180613.25
2	od338946/2023_2024 "PANEL DESIGN: Based on the illustration developed display surface with geometry, size, pattern, colour suitable rhythm of museum display 	sqm	120	1679.90	201588.00
3	od338947/2023_2024 ILLUSTRATE:As per the DPR collect object literature from local, reference text, metamorphic character, mode of evolution all in full extent of object relate study and in incorporate briefing of text 	Day	30	7157.74	214732.20
4	od338948/2023_2024 THEME CREATING WORKS- Based on the available approved illustrations and DPR, object display space analysis and finalized position of object –based on size and shape of object, theme flow, rhythm, uniformity, texture, viewer visibility, lighting effect, conservation aspect of object and musicological norms & regulation (Enclosed space temperature, humidity etc.....) its included all charges of technologist, technocrats, technicians, skilled labours	per sqm	181.5	2088.75	379108.13
2 GALLERY 1					
1	od338949/2023_2024 Sensor switch system-Amazon Smart Plug (works with Alexa) voice control to the appliances with plug - Amazon Smart Plug works with Alexa to add voice control to any socket. Frustration Free Setup - Set up within minutes - plug in, open the Alexa app, and start using your voice. Power State retention - ensures that your appliance goes back to its last state (on/off) in case of power outage and resumption Use voice to control mobile charger, lamps, kettle and other appliances, or control TV remotely from Alexa app when you're away.	no	21	2090.70	43904.70
2	od338950/2023_2024 Lighting-American DJ Stinger Spot - Startec Series Mini LED Moving Head Light (Black) 10W LED Source 7 Colors + White and Split 7 Fixed Gobos Pan and Tilt Inversion Mode 2 DMX Channel Modes: 9 and 11 channels 4 Internal Show Modes + Sound Activation Pulse and Random Strobe Effects Selectable Dimming Curves Build Complex Lighting Installations Includes Omega Mounting Bracket	each set	1	46460.00	46460.00
3	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ;	sqm	110	5807.50	638825.00

4	od338952/2023_2024 Hardware assembling,Lenovo Core i5 (9400) (8 GB RAM/ NVIDIA GeForce GTX 1660 Ti Graphics/1 TB SSD Capacity/Windows 10 (64-bit)/6 GB Graphics Memory) Gaming Tower (Legion T530-28ICB (90L300BGHA))including materials and labour	job	1	97566.00	97566.00
5	od338953/2023_2024 Software developing-Java script , html, adobe photoshop/ illustrator android app etc rate per pages	each	630	226.49	142688.70
6	od338954/2023_2024 Sculpture (14ft-15ft height),Clay,Modelling artistic labour charges,Armature for the figure (material and labour charges),Moulding material & fibre for making mould,Casting material - ferro cement and steel mesh,Grinding finishing polishing , including material and labour charges	job	1	580053.10	580053.10
7	od338963/2023_2024 Converting normal video formats to alpha out AND 2D Animation film - 2D animation video for hologram projection alpha out Digital video editing system should be capable of the following: -motion graphics -2D animation	hour	0.143	1463490.00	209279.07
8	od338964/2023_2024 Restoring videos and photos-20 photographs of AKG to high resolution pdf transparent images	each	20	1393.80	27876.00
9	od338966/2023_2024 Electric works and other expense-12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp. Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	30	348.45	10453.50
10	od369967/2023_2024 Content integration and uploading Introduction to AKG 4 mins 2D animation video Digital video editing system should be capable of the following: -motion graphics -digital effects/Flash Graphics Non-linear editing system (any of the following or similar professional video editing software) - Adobe Premier Pro Post-Production - On-line Editors, Graphic Artists/Animators ,Scriptwriter ,Music Scorer , Voice Over TalentIncluding editing.	job	1	209070.00	209070.00
11	od369968/2023_2024 Sound with Sub Connectivity Sony HT-G700: 3.1CH Dolby Atmos /DTS:X Soundbar with Bluetooth Technology 3.1ch Dolby Atmos DTS: X and Vertical Surround Engine, Immersive AE (Audio Enhancer) upscale audio closes to 7.1.2 each sound, Wireless subwoofer delivers powerful bass sound, Sound modes to customize listening to movies and music, Multiple easy connections so you can enjoy all your media, Enjoy high quality movies with 4K HDR pass through, Connect to your TV wirelessly via Bluetooth	each set	1	278760.00	278760.00
12	od369969/2023_2024 Projector for backside projection Panasonic PT-EW550U 5000-Lumen WXGA 3LCD Projector with Lens Manufacturer Panasonic Brand Panasonic Item Weight 19.84 pounds Product Dimensions 19.61 x 15.68 x 5.74 inches Item model number PT-EW550 Is Discontinued By Manufacturer No Number of Items 1 Brightness Rating 5000 Lumen Manufacturer Part Number PT-EW550	each set	1	290375.00	290375.00

13	od369970/2023_2024 Wall Mount Kit and fitting	each set	1	20907.00	20907.00
14	od369971/2023_2024 Cabling HDMI RS PRO 4k Male to male HDMA 20 mtr	no	2	8130.50	16261.00
15	od369972/2023_2024 Media Server HP ProLiant DL360 Gen10 server Powered with Intel Xeon Scalable Processor Confidentially Deploy For Virtualization Up to 3TB DDR4 Smart Memory Up to 168.3TB Maximum Storage Customized Configuration 3 Years Warranty	each	1	325220.00	325220.00
16	od369973/2023_2024 Laser Projector-Laser Projector with lens 8000 lumens white Panasonic PT-RZ570 5400-Lumen WUXGA Laser DLP Projector. Its 8000 lumens of brightness and 20,000:1 dynamic contrast . It sports a 1920 x 1200 WUXGA native resolution for viewing detailed video, pictures, . The ratio 1.46 to 2.94:1 The PTRZ570 features DVI-D, composite video, two VGA, and two HDMI inputs to connect to nearly any device	each	1	871125.00	871125.00
3 GALLERY 2					
1	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ;	sqm	230	5807.50	1335725.00
2	od339888/2023_2024 Electric works, cabling and other expense -12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp.Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	30	3484.50	104535.00
3	od339889/2023_2024 Smart switch system -Philips 464602 Plastic Hue Motion SensorControl Your Hue Lights Automatically Day & Night SettingsIntegrated Daylight Sensor Wireless Operation Powered Using Batteries including assembling charges	each	1	46460.00	46460.00
4	od339890/2023_2024 Lighting-Godox SA-P1 Projection Attachment Without LensDesigned to be used with the S30 Focusing LED Light, the SA-P1 Projection Attachment Without Lens from Godox is an empty barrel or tube that accepts optional 60, 85, and 150mm lenses.	each	20	4123.33	82466.60
5	od339891/2023_2024 Hardware assembling-Customised Desktop (PC)2 WithIntel I7 9th Gen And All Accessories. ConfigurationINTEL CORE I7 9700KDESKTOP 9TH GENERATION PROCESSORMSI Z370-A PRO MOTHERBOARDMSI GEFORCE RTX 2060 SUPER VENTUS OC GRAPHICS CARD SAMSUNG 27 INCH (68.6 CM) 144HZ CURVED GAMING MONITOR Dell AW768 Alienware Pro Gaming Mechanical Keyboard Corsair 3000Mhz 16GB X 2 SEAGATE NEW BARRACUDA 1TB SATA 6.0GB/S 3.5" HDD Crucial BX500 240GB 3D NAND SATA 2.5-INCH SSD ANTEC EA750G PRO 80 PLUS GOLD 750W HYBRID MODULAR POWER SUPPLY THERMALTAKE WATER 3.0...	each	1	156802.5	156802.50

6	od339893/2023_2024 2D Animation film (15mins)-15mins 2D animation video for hologram projection alpha out Digital video editing system should be capable of the following:-motion graphics-2D animation -digital effects/Flash Graphics Non-linear editing system (any of the following or similar professional -video editing software)-Adobe Premiere ProPost-Production - On-line Editors, Graphic Artists/Animators , Scriptwriter , Researcher , Music Scorer ,Voice Over Talent	hour	2.5	146349	365872.50
7	75 inch Touch Screen Display Features of system is listed below Changing the language of content can be done by user level(if provided) The audio facility in software(beneficial for visually impaired people) Brightness control Very high-quality display Full touch Interactive Screen with full touch screen 75 inch Full touch screen Brand : Logic (BIS Certified)or Samsung Display Size 65 inch Panel Type ADS Back Light Unit DLed Touch Response Time 8 ms inch Resolution 3840*2160 Brightness 400 cd/m2 Touch Type IR Touch Type Finger or stylus Touch size Minimum Size 3 mm Audio 2 2*16W HDMI in 3	each set	2	197455	394910.00
8	od369989/2023_2024 Touch screen 21inch with pc Digital Board Features of system is listed below Changing the language of content can be done by user level(if provided) The audio facility in software(beneficial for visually impaired people) Brightness control Very high-quality display Full touch Interactive Screen with full touch screen 21 inch Full touch screen Brand : Logic (BIS Certified)or Samsung Panel Type ADS Back Light Unit DLed Touch Response Time 8 ms Aspect Ratio 16:9 Brightness 400 cd/m2 Touch Type IR Touch Type Finger or stylus Touch size Minimum Size 3 mm Audio 2 2*16W HDMI in 3 HDMI out 1 USB including usb 3 6 LAN RJ45 out and in 1+140 point touch	each set	4	87112.5	348450.00
9	od369967/2023_2024 Content integration and uploading Introduction to AKG 4 mins 2D animation video Digital video editing system should be capable of the following: -motion graphics -digital effects/Flash Graphics Non-linear editing system (any of the following or similar professional video editing software) - Adobe Premier Pro Post-Production - On-line Editors, Graphic Artists/Animators ,Scriptwriter ,Music Scorer , Voice Over TalentIncluding editing.	job	1.5	209070	313605.00
4 GALLERY 3					
1	od340392/2023_2024 Temporary wall masking -the interactive wall's backside with metal framing and cloth printing	per sqm	60	3716.8	223008.00
2	od370005/2023_2024 98inch Touch display Screen Display Features of system is listed below Changing the language of content can be done by user level(if provided) The audio facility in software(beneficial for visually impaired people) Brightness control Very high-quality display Full touch Interactive Screen with full touch screen 98 inch Full touch screen Brand : Logic (BIS Certified)or Samsung Display Size 65 inch Panel Type ADS Back Light Unit DLed Touch Response Time 8 ms inch Resolution 3840*2160 Brightness 400 cd/m2 Touch Type IR Touch Type Finger or stylus Touch size Minimum Size 3 mm Audio 2 2*16W HDMI in 3 HDMI out 1USB including usb 3 6 LAN RJ45 out and in 1+1 40 point touch	each set	6	592365	3554190.00

3	od369967/2023_2024 Content integration and uploading Introduction to AKG 4 mins 2D animation video Digital video editing system should be capable of the following: -motion graphics -digital effects/Flash Graphics Non-linear editing system (any of the following or similar professional video editing software) - Adobe Premier Pro Post-Production - On-line Editors, Graphic Artists/Animators ,Scriptwriter ,Music Scorer , Voice Over TalentIncluding editing.	job	1.5	209070	313605.00
4	od340393/2023_2024 Hardware developing - ASUS Republic of Gamers GamingDesktop Computer RAM3.5 GHz AMD Ryzen 9 3950X 16-Core, 32GB DDR4 - 1TB NVMe SSD + 2TB SATA HDD, NVIDIA GeForce RTX 2080 Ti(11GB GDDR6), USB Type-A & Type-C - HDMI - DisplayPort, Wi-Fi 5 (802.11ac) - Bluetooth 5.0, USB Keyboard & Mouse Included, Transparent Side Window - Liquid Cooling, Windows 10 Pro 64-Bit	each	1	871125	871125.00
5	od340394/2023_2024 Software developing-Java script , html, adobe photoshop/illustrator android app etc rate per pages	no	2000	319.41	638820.00
6	od339888/2023_2024 Electric works, cabling and other expense -12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp.Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	75	3484.5	261337.50
7	od338964/2023_2024 Restoring videos and photos-20 photographs of AKG to high resolution pdf transparent images	each	20	1393.8	27876.00
8	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ;	sqm	65	5807.5	377487.50
5 GALLERY 4					
1	od338966/2023_2024 Electric works and other expense-12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp. Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	60	348.45	20907.00
2	od370037/2023_2024 Sound with Sub Sound with Sub Connectivity Sony HT-G700: 3.1CH Dolby Atmos/DTS:X Soundbar with Bluetooth Technology 3.1ch Dolby Atmos DTS: X and Vertical Surround Engine, Immersive AE (Audio Enhancer) upscale audio closes to 7.1.2 each sound, Wireless subwoofer delivers powerful bass sound, Sound modes to customize listening to movies and music, Multiple easy connections so you can enjoy all your media, Enjoy high quality movies with 4K HDR pass through, Connect to your TV wirelessly via Bluetooth	job	1	278760	278760.00

3	od370038/2023_2024 Hologram display 9 units merged one Digital hologram fan HD quality 80cm round display , 2000 brightness quality, 4 blade base, wifi working temperature 0 degree to 50 degree celcius , 1 year warranty,Frame base - Aluminum and steel,Glass protection and sound proofing	each set	1	1077872	1077872.00
4	od369988/2023_2024 75 inch Touch Screen Display Features of system is listed below Changing the language of content can be done by user level(if provided) The audio facility in software(beneficial for visually impaired people) Brightness control Very high-quality display Full touch Interactive Screen with full touch screen 75 inch Full touch screen Brand : Logic (BIS Certified)or Samsung Display Size 65 inch Panel Type ADS Back Light Unit DLed Touch Response Time 8 ms inch Resolution 3840*2160 Brightness 400 cd/m2 Touch Type IR Touch Type Finger or stylus Touch size Minimum Size 3 mm Audio 2 2*16WHDMI in 3 HDMI out 1 USB including usb 3 6 LAN RJ45 out and in 1+1 40 point touch	each set	4	197455	789820.00
5	od369967/2023_2024 Content integration and uploading Introduction to AKG 4 mins 2D animation video Digital video editing system should be capable of the following: -motion graphics -digital effects/Flash Graphics Non-linear editing system (any of the following or similar professional video editing software) - Adobe Premier Pro Post-Production - On-line Editors, Graphic Artists/Animators ,Scriptwriter ,Music Scorer , Voice Over TalentIncluding editing	job	1.5	209070	313605.00
6	od338950/2023_2024 Lighting-American DJ Stinger Spot - Startec Series Mini LED Moving Head Light (Black) 10W LED Source 7 Colors + White and Split 7 Fixed Gobos Pan and Tilt Inversion Mode 2 DMX Channel Modes: 9 and 11 channels 4 Internal Show Modes + Sound Activation Pulse and Random Strobe Effects Selectable Dimming Curves Build Complex Lighting Installations Includes Omega Mounting Bracket	each set	20	46460	929200.00
7	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting, Putty work ;	sqm	96	5807.5	557520.00
8	od338952/2023_2024 Hardware assembling,Lenovo Core i5 (9400) (8 GB RAM/ NVIDIA GeForce GTX 1660 Ti Graphics/1 TB SSD Capacity/Windows 10 (64-bit)/6 GB Graphics Memory) Gaming Tower (Legion T530-28ICB (90L300BGHA))including materials and labour	job	2	97566	195132.00
9	od338953/2023_2024 Software developing-Java script , html, adobe photoshop/ illustrator android app etc rate per pages	each	600	226.49	135894.00
6 GALLERY 5					
1	od338964/2023_2024 Restoring videos and photos-20 photographs of AKG to high resolution pdf transparent images	each	90	1393.8	125442.00

2	od338966/2023_2024 Electric works and other expense-12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp. Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	60	348.45	20907.00
3	od338950/2023_2024 Lighting-American DJ Stinger Spot - Startec Series Mini LED Moving Head Light (Black) 10W LED Source 7 Colors + White and Split 7 Fixed Gobos Pan and Tilt Inversion Mode 2 DMX Channel Modes: 9 and 11 channels 4 Internal Show Modes + Sound Activation Pulse and Random Strobe Effects Selectable Dimming Curves Build Complex Lighting Installations Includes Omega Mounting Bracket	each set	20	46460	929200.00
4	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ;	sqm	96	5807.5	557520.00
5	od340418/2023_2024 Light boards - Ten, 5*4 ft size LED light boards with acrylic print	per sqm	22	14605.86	321328.92
6	od340419/2023_2024 Big size light boards with frames - Ten, 4*8 ft size LED light boards with acrylic print with frame works	per sqm	36	14013.5	504486.00
7 GALLERY 6					
1	Electric works and other expense-12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp. Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	30	348.45	10453.50
2	od370187/2023_2024 Projection Laser 6000lu Projector for backside projection Panasonic PT-EW550U 6000-Lumen WXGA 3LCD Projector with Lens Manufacturer Panasonic Brand Panasonic Item Weight 19.84 pounds Product Dimensions 19.61 x 15.68 x 5.74 inches Item model number PT-EW550 Is Discontinued By Manufacturer No Number of Items 1 Brightness Rating 5000 Lumen Manufacturer Part Number PTEW550	each	1	383295	383295.00
3	od369989/2023_2024 Touch screen 21inch with pc Digital Board Features of system is listed below Changing the language of content can be done by user level(if provided) The audio facility in software(beneficial for visually impaired people) Brightness control Very high-quality display Full touch Interactive Screen with full touch screen 21 inch Full touch screen Brand : Logic (BIS Certified)or Samsung Panel Type ADS Back Light Unit DLed Touch Response Time 8 ms Aspect Ratio 16:9 Brightness 400 cd/m2 Touch Type IR Touch Type Finger or stylus Touch size Minimum Size 3 mm Audio 2 2*16W HDMI in 3 HDMI out 1 USB including usb 3 6 LAN RJ45 out and in 1+140 point touch	each set	1	87112.5	87112.50

4	od338950/2023_2024 Lighting-American DJ Stinger Spot - Startec Series Mini LED Moving Head Light (Black) 10W LED Source 7 Colors + White and Split 7 Fixed Gobos Pan and Tilt Inversion Mode 2 DMX Channel Modes: 9 and 11 channels 4 Internal Show Modes + Sound Activation Pulse and Random Strobe Effects Selectable Dimming Curves Build Complex Lighting Installations Includes Omega Mounting Bracket	each set	20	46460	929200.00
5	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ;	sqm	96	5807.5	557520.00
6	od338952/2023_2024 Hardware assembling,Lenovo Core i5 (9400) (8 GB RAM/ NVIDIA GeForce GTX 1660 Ti Graphics/1 TB SSD Capacity/Windows 10 (64-bit)/6 GB Graphics Memory) Gaming Tower (Legion T530-28ICB (90L300BGHA))including materials and labour	job	2	97566	195132.00
7	od338953/2023_2024 Software developing-Java script , html, adobe photoshop/ illustrator android app etc rate per pages	each	375	226.49	84933.75
8	od338954/2023_2024 Sculpture (14ft-15ft height),Clay,Modelling artistic labour charges,Armature for the figure (material and labour charges),Moulding material & fibre for making mould,Casting material - ferro cement and steel mesh,Grinding finishing polishing , including material and labour charges	job	1.5	580053.1	870079.65
9	od340429/2023_2024 Setting up library - Converting the allotted space to a library my making racks and shelves covering with sliding glass doors The rate includes material charges and labour charges.-Tables for reading area including material and labour charges-Chairs for reading area including material and labour charges	job	1	853702.5	853702.50
8 GALLERY 7					
1	od339888/2023_2024 Electric works, cabling and other expense -12W AC85-265V 1080LM COB Track Rail LED Light Spotlight Adjustable Lamp.Havels 3 core round pvc insulated and fr pvc round sheathed industrial cable - 100m	each	90	3484.5	313605.00
2	od340418/2023_2024 Light boards - Ten, 5*4 ft size LED light boards with acrylic print	per sqm	15	14605.86	219087.90
3	od340393/2023_2024 Hardware developing - ASUS Republic of Gamers GamingDesktop Computer RAM3.5 GHz AMD Ryzen 9 3950X 16-Core, 32GB DDR4 - 1TB NVMe SSD + 2TB SATA HDD, NVIDIA GeForce RTX 2080 Ti(11GB GDDR6), USB Type-A & Type-C - HDMI - DisplayPort, Wi-Fi 5 (802.11ac) - Bluetooth 5.0, USB Keyboard & Mouse Included, Transparent Side Window - Liquid Cooling, Windows 10 Pro 64-Bit	each	1	871125	871125.00

4	od340394/2023_2024 Software developing-Java script , html, adobe photoshop/illustrator android app etc rate per pages	no	327	319.41	104447.07
5	od339890/2023_2024 Lighting-Godox SA-P1 Projection Attachment Without LensDesigned to be used with the S30 Focusing LED Light, the SA-P1 Projection Attachment Without Lens from Godox is an empty barrel or tube that accepts optional 60, 85, and 150mm lenses	each	30	4123.33	123699.90
6	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ;	sqm	96	5807.5	557520.00
7	od340431/2023_2024 Touchpad monitors with headset -HP 23.8" 24-dp0180 Multi-Touch All-in-One Desktop Computer1.3 GHz Intel Core i7-1065G7 Quad-Core 16GB DDR4 RAM 512GB PCIe M.2 SSD23.8" Full HD IPS Touchscreen 1920 x 1080 Screen Resolution Integrated Intel Iris Plus Graphics 3-in- 1 Card Reader Wi-Fi 5 (802.11ac) Bluetooth 4.2 USB 3.2 Gen 1 USB 2.0 HDMI	each	6	104535	627210.00
8	od370234/2023_2024 Audio Sound Player with headset and doom	each	4	29037.5	116150.00
9 THEATRE					
1	od340557/2023_2024 Surrounding sound system-Denon s750H Audio-Video Receiver + JBL 170 Towers + A125C Center +A120 Surrounds + Control One Surrounds+ JBL A100P Subwoofer - Dolby Atmos Sound 7.1 Home Theater Package.1 x Denon AVR-S750H 7.2-channel Home Theater Receiver 2 x JBL A170 Tower Speakers 1 x JBL A125C Center Speaker 2 x JBL A120 Bookshelf / Surround Back Speakers 2x JBL Control One 2-Way, 200w Surround Speakers 1 x JBL A100P Powered Subwoofer	job	1	336835	336835.00
2	od370736/2023_2024 Harkness Screen Silver Screen Gain 2.0 aprox.160sq.ft with frame and fixing	job	1	325220	325220.00
3	od370737/2023_2024 DCP SERVER- Media Server RTX4000 QUDRO 2x 64 gb RAM Blackmagic design video I/O cards 20 Tb RAID storage	set	1	557520	557520.00
4	od370738/2023_2024 Standard throw lens model: ELPLM15	each	1	162610	162610.00
5	od370739/2023_2024 Projection System - EPSON Model: EB-PU2010B Business Projector Spec: HBR - Lens Interchangeable, Laser, 10,000 Lumens , WUXGA (1920x1200) 4KE Warranty: 3 Years or 20000 hours	each set	1	1526211	1526211.00
6	od340558/2023_2024 LIGHTING-Led sky lighting 5mm ever light LED typeMounting Type -Ceiling MountedWattage-0.01 W, Brand-Everlight 2250 numbers-Dewton 6 watt COB light 24, Driver and fitting charges-Aluminum Step light 5mm Ever light 1 meter RGB 16 units	job	1	336835	336835.00

7	od338966/2023_2024 Electric works and other expense-12W AC85-265V 1080LM COB Track Rail- LED Light Spotlight Adjustable Lamp. Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	90	348.45	31360.50
8	od338951/2023_2024 Temporary wall masking; light and projector sources,multiwood panelling work- 4inches thick multiwood panelling work including primer painting. Putty work ; Net Total Quantity	sqm	96	5807.5	557520.00
10 GAMING AREA					
1	od340561/2023_2024 Software and hardware development- developing games on AKG's life and his social reforms-Gaming accessories	each set	1	74336	74336.00
2	od340562/2023_2024 Setting the gaming area (wall,seats , tables etc)-Multiwood panelling of wall inside the gaming area-A wall mount LED TV 54" iFFALCON by TCL V2A 163.83cm (65 inch) Ultra HD (4K) QLED Smart Android TV (65V2A) Operating System: Android (Google Assistant & Chromecast in-built)Resolution: Ultra HD (4K) 3840 x 2160 Pixels Sound Output: 30 WRefresh Rate: 60 Hz-2 Tables and 8 Chairs for the game set up	set	1	390264	390264.00
3	od340563/2023_2024 Gaming area -Touch screen TV(54inches)-ViewSonic X100-4K 2900-Lumen XPR 4K UHD DLPPprojectorBrand ViewSonic Manufacturer ViewSonic Model X100-4KProduct Dimensions 46.23 x 41.66 x 16 cm; 7.6 Kilograms Item model number X100-4K Hardware Interface USB 3.0 Type A, Ethernet, HDMI, USB 2.0 Type A, 3.5mm Audio Response Time 66.8 Milliseconds Resolution 4K Display Technology DLP Display Type DLP Aspect Ratio 16:9 Noise Level 23 dB Voltage 240 Volts (AC) Wattage 159 Watts	set	2	156802.5	313605.00
4	od339888/2023_2024 Electric works, cabling and other expense -12W AC85-265V 1080LM COB Track Rail- LED Light Spotlight Adjustable Lamp.Havels 3 core round pvc insulated and fr pvc round sgeathed industrial cable - 100m	each	15	3484.5	52267.50
5	od339890/2023_2024 Lighting-Godox SA-P1 Projection Attachment Without LensDesigned to be used with the S30 Focusing LED Light, the SA-P1 Projection Attachment Without Lens from Godox is an empty barrel or tube that accepts optional 60, 85, and 150mm lenses.	each	15	4123.33	61849.95
11 CEILING					
1	od340564/2023_2024 CEILING-Ceiling work-Providing and fixing Produse cotted aluminum work with gypsm board.Ceiling putty work -Providing and applying white cement based putty of average thickness 1mm of approved brand and manufacturers.Ceiling painting work-Painting with 2 coat acrylic emuATCH ion paint of approved brand	sqm	700	2555.3	1788710.00

12 COFFEE HOUSE					
1	od340567/2023_2024 Coffee House-LED projector(Dlp projector, BenqMH530)Sound system brand Onkiyo 5.2Wall mount kitHDMI cable 10mtr including Installation charges-	set	1	336835	336835.00
2	od340561/2023_2024 Software and hardware development- developing games on AKG's life and his social reforms-Gaming accessories	each set	2	74336	148672.00
13 WEBSITE					
1	od340571/2023_2024 Website -Sub Domains Creation -Hosting-Testing tool subscription	pair	2	3136.05	6272.10
2	od340572/2023_2024 Website-Development -Design WEB UI-Coding PHP-Development HTML/CSS-Testing tool subscription	each set	1	16261	16261.00
3	od340573/2023_2024 Website-DNS + Hosting-Domain 2 years-Hosting 2 years- Security 2 years	pair	1	7433.6	7433.60
15 SOUND SYSTEM AND TOUCH SCREEN WITH PC					
1	5 Amplifier XLS 2002: An affordable and reliable power amplifier you can use in any PA system 775-watts in bridged-mono mode, up to 525-watts stereo/parallel operation Includes both unbalanced RCA and balanced XLR input connectivity Binding post and speakON output connectors let you use virtually any passive PA speakers Selectable input voltage (.755V or 1.4V) lets you set up your rig to match your gear LED power, fault, signal-presence, and clip indicators let you keep an eye on the safety of your amplifier Forced-air cooling and protection against shorts, no-load, and on/off thumps ensure smooth	each	5	44369.3	221846.50
2	od345128/2023_2024 Crossover DriveRack PA2 : Stereo 2/3-way, mono 4-way crossover Mode switch for stereo 2/3-way or mono 4-way operation 24dB per octave Linkwitz-Riley filters Low frequency summed (subwoofer) output Range switch on both channels (x10) 40Hz high-pass (low-cut) filter on both channels Phase reverse switch on all outputs Individual level controls on all outputs Stereo/Mono status LEDs indicate the selected mode	each	2	38561.8	77123.60
3	od345129/2023_2024 Soundcraft AudioMixer(Harman) : Four mic/line inputs plus two stereo line ins Two configurable auxiliary buses XLR-type and 1/4" metal jack connector sockets RCA phono stereo playback inputs and record outputs Intuitive and comprehensive solo system Headphone output	each	1	23984.98	23984.98

4	JBL JRX 218 Subwoofer Features a 350 W (continuous) and 1400 W (peak) power capacity.The rugged enclosure is constructed from 0.75" (19mm) MDF (Medium Density Fiberboard) usingadvanced adhesives and mechanical fastener technology for durability and improved low frequency performance. The enclosure is covered in black carpet.A top mounted, cast aluminum 1.3" (35mm) pole mount receptacle can receive an optionalSS3BK pole to facilitate use of the JRX218S as a base for a mid-high speaker cabinet.Non-resonant, all-steel handles are used.An 18-gauge perforated steel grille protects	each	2	44485.45	88970.90
5	JBL 8320 Frequency Range (-10 dB) 50 Hz to 20 kHzFrequency Response (+/-3 dB) 62Hz - 16 kHzPower Rating 150 watts continuous pink noise Maximum Input Voltage 27.5 V RMS (2 hrs), 55.0 V peakMaximum SPL 116 dB ave. Continuous Pink Noise (118 dB peak) Sensitivity 94 dB, 1W/1m (ave. 100 Hz – 10 kHz) Coverage Angle 100° x 100° Nominal Impedance 8 ohms	each	8	28108.3	224866.40
6	od345132/2023_2024 75inch Touch display,Hologram display 9 units merged one ,98inch Touch display,75 inch Touch Screen Display,Touch screen 21inch with pc	each set	15	297344	4460160.00
7	od345133/2023_2024 Touch screen 21inch with pc,Frame for touch screen ,Projection Laser 6000lu	set	1	360065	360065.00
16 PRIMEREY CONTENT WORKS					
1	od371895/2023_2024 Primary preparation- gallery texts creation and label preparation of gallery display object as per the DPR	sqm	52.63	4413.7	232293.03
3	od371897/2023_2024 Primary preparation - Narration as per the DPR ,Rate per pages	each	112	2671.45	299202.40
TOTAL					4,08,82,139.40/-+GST

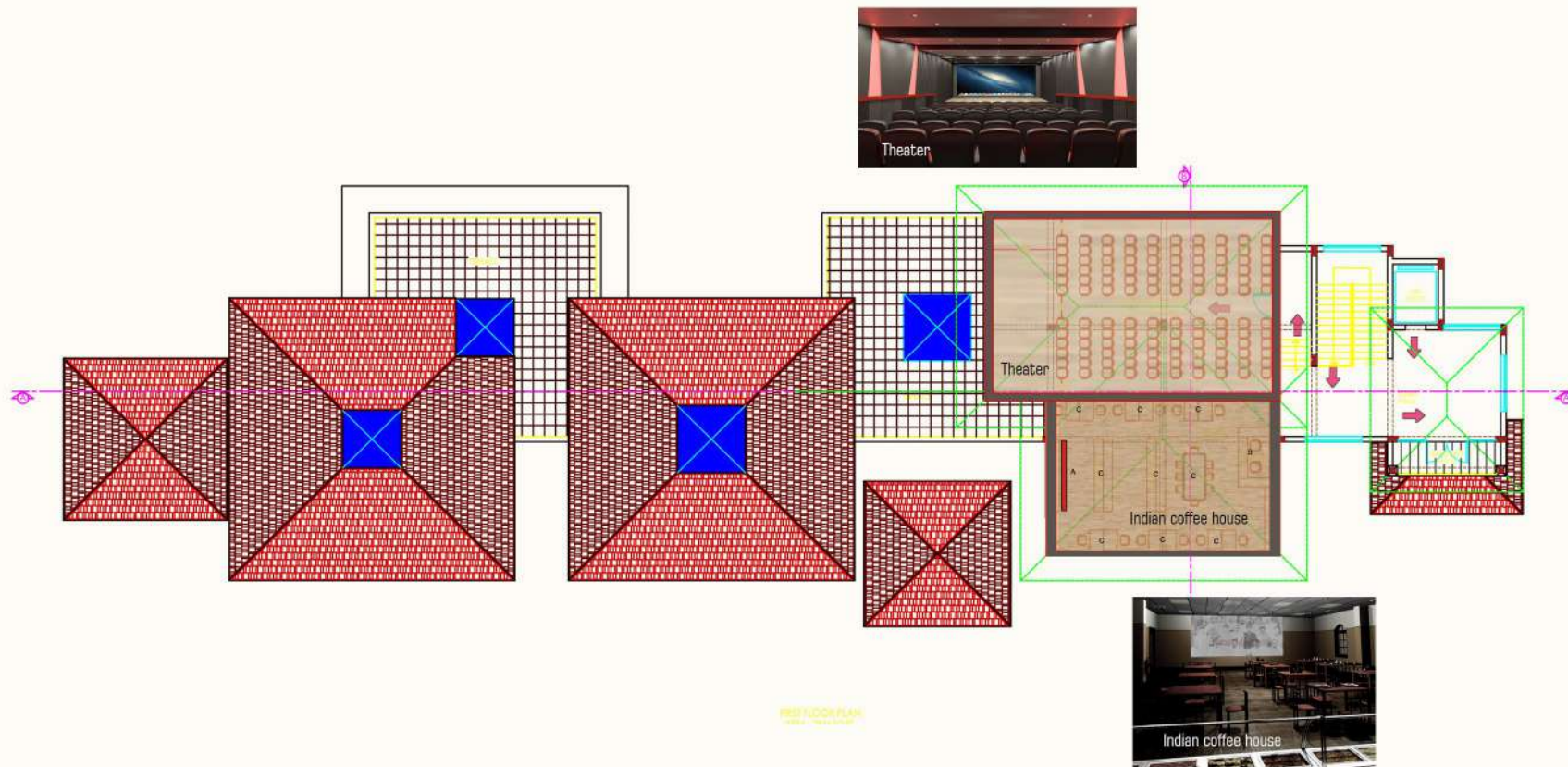
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GROUND FLOOR



AKG MUSEUM

PROPOSED CIRCULATION PATH FIRST FLOOR



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