

**National Film Archive of India
Ministry of Information and Broadcasting
Law College Road, Pune- 411004**

Subject: Appointment of vendor for content and providing devices for design and development of Virtual Reality (VR) application for NFAI for IFFI, GOA 2016

National Film Archive of India, Pune invites bids from reputed, eligible agencies for Content Design and Development of Theme based Virtual Reality Applications for International Film Festival of India, 2016 at Goa, on Android/iOS Platforms along with supply of appropriate devices. The bids should be addressed to **Officer on Special Duty, NFHM, National Film Archive of India, Law College Road, Pune -411004** and should reach by 3PM on or before **9th November 2016. Technical Power Point Presentation on 10th November 2016 at 11.30 am onwards. Phone Number- 020-25671569.**

Prequalification Criteria:

Sl. No	Criteria	Supporting Documents
1.	The organization / agency / proprietor should be registered as per the relevant Act (Companies Act or Partnership Act or Sole Proprietorship, LLP or any other relevant Act) in India	1. Copy of Certificate of Incorporation or equivalent. 2. PAN No 3. CST/VAT/TIN/Regn.
2.	The organization / agency / proprietor should have a minimum 3 Years of experience in creating Virtual Reality content.	Work order / completion certificate for the works carried out.
3.	Reputed registered firms/agencies having average annual turnover of not less than Rs. 5 (Five) Lakhs each per year for last three financial years. The Bidder shall have positive net worth (measured as paid-up capital plus free reserves) for the last three audited financial years.	Copy of the audited profit and loss account along with audited balance sheet of the company showing turnover of the company for last three years; Income Tax returns for last three years .Copy of the audited Profit and Loss Statement.
4.	The organization / agency / proprietor should not be blacklisted by any State Govt. or Central Govt. department / organization as on date of submission of this tender.	Self-certification by the organization / agency / proprietor on its letter head

Scope of Work-

a. Virtual Reality Application for Multimedia Exhibition

- a. "High Dynamic Range" Imagery video that will create greater visual clarity of the images / videos. It will make all the areas of the images visible with greater clarity. Like it looks to the eye.
- b. The selected agency shall be responsible for the production of video for NFAI. The video shall be a combination of images, video clippings, animation with voice over in English and Hindi. The video shall contain information about NFAI. The agency has to cover complete activities of NFAI in a 3-5 minute video, including an anchor who will explain the journey of NFAI.
- c. The Bidder is expected to come-up with different scripts, develop a story board for the documentary prior for the Video and get the same finalized from the NFAI officials before the start of the shooting of the films. The agency shall prepare a video for NFAI and NFHM, keeping in consideration the project elements, key features, NFAI official's bytes feedback, premises, and various facilities at NFAI etc.
- d. High resolution imagery with advanced post processing for creating a seamless wrapped sphere.
- e. Strategic mapping of spots on location to give maximum advantage and experience in 360 * 360 degree.
- f. Applications should be created with volumetric content providing emerging depth perception.
- g. Create Virtual Reality Android App/iOS with following features: •
 - Complete mobile app design
 - Android App /iOS/Windows app for NFAI.
 - Integrate high quality, 360*360 degree panoramic VR experiences of a theme based presentation.
 - Interactive Display of information
 - Additional photos of NFAI inside the app
 - Music
 - Detailed scripts and voiceovers which explain information about mentioned theme. • Intuitive User Experience and User Interface
- h. Provide three number of durable, high quality Virtual Reality headsets.
- i. Provide three compatible Android / iOS hardware/Windows platform.
- j. Creation of Virtual Reality Video of Multimedia Exhibition which should contain 40-50 high definition images of Multimedia Exhibition explaining various facts about the exhibition.

k. Creation of Mobile Application Tool for android, iOS and other compatible platforms.

b. Hardware Requirements

- a. A Head Mounted headset, completely wireless that can handle a smart phone placement with smart phone size 5 inches.
- b. The headset should be OS independent; it has to be compatible with OS's like IOS, Android, Windows Phone OS and others.
- c. The distance between the two lenses should be adjustable so as to be used comfortably by any user with easy to change face contact surface.
- d. To provide an immersive experience to the user, the FOV (Field of View) should be 100 degrees.
- e. The lenses should have easy adjustment settings for the near as well as far sighted people.
- f. Comfortable Ergonomics with adjustable straps to mount and hold the headset on the user's head.
- g. Lenses should have 45mm focal distance, asymmetric biconvex lenses with less than 0.1mm cosmetic defects. This type of lenses works best to prevent distortion around the edges.
- h. Rechargeable 3.7V Lithium battery.

Provide compatible Android Smart phones with headphones which satisfy following technical Specifications:

Screen Size	4.5 to 6.0 inch display
Screen Resolution	Full HD (1920*720) or higher
CPU	Dual Core, 1.5 GHz or higher
Motion Sensors	Accelerometer, Gyroscope
OS	Android, iOS, Windows

c. General Terms and Conditions:

- a. The agency should have own/collaborative design and production house and well trained staff/agency for different work profile of design aspects, and large scale industrial exhibition.
- b. The bidder shall furnish a refundable EMD for an amount of Rs. 25,000/- (Rupees fifty thousand only). Technical bid and DD of Fee and EMD should be sealed in separate envelope.
- c. The successful bidder has to submit Bank Guarantee equivalent to 10% of the Price Bid.
- d. The Bidder has to build an experience center at IFFI event which shall meet the following criteria:

- Area 5x5sqft as provided by the IFFI
 - Desk
 - Revolving Chair to suit the VR experience
 - Any other apparatus required
 - Movie theme at the centre
- e. The agency should have sound financial capability to provide services and should have the capabilities to complete the job and sustain joint on long term basis.
 - d. The Bidder needs to carry out the VR activities during the period of the contract as per the terms & conditions defined in the contract.
 - e. The Bidder would be responsible to bear all the cost of lodging, boarding, transportation of his entire team to the event for the specified period.
 - f. Conditional offer shall not be considered.
 - g. The Bidder needs to setup and install the infrastructure as per the requirement specified in the document viz. cameras, computer systems, all required software's for editing purpose, connectivity etc. at his own cost and maintain continuity of work without stoppages
 - h. The rates quoted shall include all taxes, levies, material, labor, transportation and delivery at site.
 - i. Entire job shall have to complete within the stipulated days from issuing of work order.
 - j. The complete work shall be done as directed by in charge of NFAI to the satisfaction of Quality.
 - k. The Bidder should not share any data /equipment's with any other Bidder/party/stakeholders etc without permission of NFAI.
 - l. Offers shall be sent in the enclosed prescribed form only.
 - m. The Proposal shall be submitted in a sealed envelope, super-scribing "**Tender document for the appointment of vendor for content and providing devices for design and development of Virtual Reality (VR) applications for NFAI**", which further contains 2 envelopes as indicated below:
 - Envelope 1 (Sealed – super scribing "Technical bid") and Envelope 2 (Sealed – super scribing "Financial bid") containing the Technical bid, shall be addressed to "OSD, NFHM, National Film Archive of India, Pune-411004."

- n. The Tender submitted without prescribed earnest money will be summarily rejected. The rejected bids will become the property of NFAI.
- o. VR billing to be recorded on the basis of the provision of the necessary hardware and the video.
- p. Based on evaluation, a penalty of 5% will be imposed on the bill amount of particular item/deliverables, for which deliverables are not up to the desired level. NFAI holds the sole discretion of assessment and imposition of penalty.
- q. The Tender shall remain open for acceptance by NFAI for the period of 90 days from the date of opening of the Tender and the applicant shall not cancel or withdraw the tender during this period. If any bidder withdraws from the bid before the final award of the contract, the Earnest Money Deposit of such bidder shall be forfeited.
- r. Bids must be submitted by due date and the time only. Bids received after the time and date fixed for receipt of bid is liable to be rejected.
- s. Notwithstanding anything contained in all the clauses mentioned hereinbefore, NFAI at its sole discretion reserves the right to accept or reject any or all bids, at any time prior to the award of the contract, without thereby incurring any liability to the affected applicant/s or any obligation to inform the affected applicant/s of the grounds for NFAI action without assigning reasons thereof.
- t. The complete proposal should be ready by 18th November 2016 with demonstration for approval.**
- u. Any delay in execution will result in deduction of money on the discretion of NFAI.**
- v. Payment Milestones

S. no	Milestones	Payment (%) Of the contract value
1	Creation, submission and approval of the video script and submission of the video.	20%
2	Successful run of the VR during the IFFI event	80%

(D.K. Sharma)
Administrative Officer

PRICE BID

(Price should be inclusive of all Government Taxes)

Sr. No	Description	Amount In Rs.
1.	Content and design of VR application on Android / iOS platform	
2.	Virtual Reality Headset (Three Nos) <i>Google cardboard and mobile phones or any other VR headset to be specified.</i>	
	Total Price	
In words		

Note:

1. The Financial Bid to be submitted should be including of all the taxes. It should include all the other expenses incurred by the Bidder.
2. The sealed envelope should be subscribed as “Financial Bid for the tender for content design and development of Theme based Virtual Reality applications on Android / iOS platform along with devices to NFAI”.
3. The selected agency should to show the final content and design of the VR presentation to NFAI and obtain necessary approval prior to final production.
4. The work will be completed within the stipulated time as mentioned.

Date:

Signature of the Agency with stamp