

MORMUGAO PORT AUTHORITY
FINANCE DEPARTMENT
INFORMATION TECHNOLOGY CELL

FA/IT(7-MISC)/2023/00107

Date : 06.09.2023

Bids are invited for the Production of 4K resolution 360 degrees Virtual Reality (VR) 3D Video of MPA Port as per the specification and guidelines given at Annexure-I. Interested firms may send their rates in a sealed cover super scribing the envelope "Quotation for Production of 4K resolution 360 degrees Virtual Reality (VR) Video of MPA Port" addressed to **Asst. Director(EDP), IT Cell,1st Floor, Main Administrative Building, Headland Sada, Goa - 403 804** latest by 10:00 hrs on 13th September 2023. Bids will be opened on the same day at 10:30 hrs in the Conference Room of Finance Department in the presence of interested bidders or their authorized representatives. Offers may also be sent by e-mail with protected password. The protected password of the e-mail shall be sent between 09:30 hrs. to 10.00 hrs. on 13.09.2023, before the tender opening time on navisha.miranda@mptgoa.gov.in and cc to facao@mptgoa.gov.in. Offers by e-mail without protected password will be summarily rejected.

The bidder should possess strong technical skills and knowledge to develop immersive and interactive VR Experiences. The bidder should have successfully executed production of 360 degrees Virtual Reality (VR) 3D Video in any State/Central Govt. / PSU's and reputed private organizations and it should be supported with documentary evidence.

Yours faithfully,

Sd/-

**Financial Advisor &
Chief Accounts Officer**

Encl: As above.

OUTLINE OF THE CONTENT

The Content needs to be creative highlighting Port's core domain functions and should be made in a way that it shows smooth transitions from one area to another thus highlighting the clear coastline & other zones of the port.

1. "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.
2. The 4K resolution video shall be a combination of images, video clippings, animation with and without voice over in English as well as Hindi. The video shall contain information and highlight the key features or activities or heritage of the port. The port must cover complete activities of the port in a 7-10 minute video, including a voice over who will explain the journey of the port. High resolution imagery with advanced post processing for creating a seamless wrapped sphere.
3. Strategic mapping of spots on location to give maximum advantage and experience in 360* 360 degree.
4. It should be ensured that the volumetric content should be created in such a way to enable the VR application to provide emerging depth perception.
5. The video should be shot in proper lighting, without any burnouts and flares caused by sunlight and should have the same clarity in the Field of view(FOV)
6. The potential venue challenges should be accessed prior to the shoot and the light & sound with potential obstacles corrective steps to be taken accordingly to ensure clean footage.
7. The equipment to be used should include 360-degree camera, tripod, camera mounts, specialized 360 rigs, microphones, and lighting equipment if necessary.

CONTENT SHOULD FOCUS ON:

1. About the Port's core functions including its rich legacy of history
2. About the area of operations, coastline and the any specific natural features like corals, mangroves etc
3. About the unique feature or achievements of the Port
4. About the commercial activities at the port

HARDWARE UNDERSTANDING:

1. A Head Mounted headset, completely wireless that can handle a smart phone placement with smart phone size 5 inches.
2. The headset will be OS independent; it will be compatible with OS's like IOS, Android, Windows Phone OS and others.
3. To provide an immersive experience to the user, the FOV (Field of View) should be 100 degrees.
4. Lenses will have 45mm focal distance, asymmetric biconvex lenses with less than 0.1mm cosmetic defects.

Name and Signature of the Proprietor/Partner
Seal of the Firm/Agency

TERMS AND CONDITIONS

The bidder is bound by the following terms and conditions governing the Production of 4K resolution 360 degrees Virtual Reality (VR) Video of MPA Port.

1. The 360 degrees Virtual Reality (VR) 3D Video of MPA Port should be produced as per the technical specifications and guidelines specified in Annexure I.
2. The subject work should be compulsorily completed within stipulated time period of 15 days. A draft video will be sent to the Port for concurrence and acceptance. Any minor changes in video/content /editing if any will have to be incorporated by the bidder before final video is submitted to the Port
3. The Port have exclusive right over the video and the successful bidder is forbidden from sharing the video with unauthorized persons.
4. MPT reserves the right to accept or reject summarily any or all quotations without assigning any reason whatsoever
5. MPT takes no responsibility for delay, loss or non-receipt of quotation(s) after dispatch.
6. The quoted rates shall be valid for 30 days from the date of opening of the quotation. No escalation in price would be permitted on any ground.
7. Each page of the tender documents is required to be signed by the person or persons submitting the quotation in token of his/their having acquainted himself/themselves with the General Conditions of the quotation enquiry.
8. Any quotation received with any of the documents not so signed will be rejected.
9. Bidders are required to submit their rates inclusive of GST as per Annexure-III of the tender document.
10. All erasures and alterations made while filling the quotation must be attested by initials of the bidder overwriting of figures is not permitted, failure to comply with either of these conditions will liable the quotation void. No advice of any change in rule or conditions after the opening of the tender will be entertained.
11. In case of any dispute, jurisdiction will be State of Goa only.
12. This tender notice can also be viewed at our web-site <https://www.mptgoa.gov.in>

**Name and Signature of the Proprietor/Partner
Seal of the Firm/Agency**

QUOTATION

Sr.No	Description	Unit	Amount in Rs.(incl. of GST)
1	Production of 4K Resolution, 360 Degrees 3D Video as per Annexure- I including cost of shooting, equipment hire, studio-technician charges, editing, script, dubbing, music and all other relevant pre and post production charges	1 no.	
2	VR Head mounted Wireless Headset as per Annexure- I which can support Smart Phone Placement of 5 inches size	2 nos.	
TOTAL AMOUNT (incl. of GST)			

Total amount in words: _____

Name/Signature of the Proprietor/Partner
Along with Seal of the Firm/Agency