

**E-TENDER FOR SCRIPT WRITING & DEVELOPMENT  
OF  
TRILINGUAL (BENGALI, HINDI & ENGLISH)  
DIGITAL FULLDOME FILM  
FOR  
SPACE THEATRE, SCIENCE CITY, KOLKATA**



**SCIENCE CITY  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
J.B.S HALDANE AVENUE, KOLKATA - 700046**

**Disclaimer & Disclosures:**

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**The information is not intended to be exhaustive. Interested agencies are required to make their own inquiries and respondents will be required to confirm in writing that they have done so and they do not rely only on the information provided by SCIENCE CITY in submitting the Tender.** The information is provided on the basis that it is non-binding on SCIENCE CITY or any of its authorities or agencies or any of their respective officers, employees, agents or advisors.

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No contractual obligation on behalf of SCIENCE CITY, whatsoever, shall arise from this tender unless & until a formal contract is signed and executed by duly authorized officers of SCIENCE CITY and the bidder in due course after invitation of tenders.

SCIENCE CITY may modify any / all of the terms of this tender process giving due notification through the SCIENCE CITY's website (<https://sciencecitykolkata.org.in/>).

**SCIENCE CITY will not be liable for any costs incurred by the Bidders in the preparation of the tender& its presentation.** The preparation of Bidder's proposal will be made without obligation by SCIENCE CITY to acquire any of the items included in the Bidder's product, or to select any Bidder's proposal, or to discuss the reasons why a particular Bidder's proposal is accepted or rejected.

All information included by the bidders in their proposal will be treated in strict confidence.

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**NOTICE INVITING E-TENDER**

**TENDER No. SCCY/18011/PUR/08/2020(22)**

On-line Digitally signed e-tenders under QCBS (Quality and Cost Based Selection) method are invited in Two Bid System from competent Company/Firm/Agency/Consortium, who satisfy the eligibility criteria enumerated in the Tender Documents for script writing & development of trilingual (Bengali, Hindi & English) digital full dome film for Space theater of Science City, Kolkata as per the Scope of Work. Agencies having proven experience and capability of executing the order in the targeted time may download the Tender Papers from Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app> or from Science City website <https://sciencecitykolkata.org.in> as per the following schedule:-

Bid Document Published Date	9 <sup>th</sup> November, 2020 (11:00)
Bid Document Download Start Date	9 <sup>th</sup> November, 2020 (15:00)
Bid Clarification Start Date	9 <sup>th</sup> November, 2020 (18:00)
Pre Bid Meeting**	12 <sup>th</sup> November, 2020 (11:00)
Bid Clarification End Date	16 <sup>th</sup> November, 2020 (14:00)
Bid Submission Start Date	17 <sup>th</sup> November 2020 (18:00)
Bid Submission End Date	30 <sup>th</sup> November, 2020 (18:30)
Technical Bid Opening Date	2 <sup>nd</sup> December, 2020 (15:00)
Technical Presentation (of those selected)	Will be intimated through email with at least 3 days prior to date of presentation
Estimated Cost of Work	<b>Rs. 150 Lakh</b>
Earnest Money Deposit	Rs. 3.75 lakh (Rs Three Lakh and Seventy Five Thousand Only) Original EMD instrument shall be submitted by the bidder at <b>Science City, JBS Haldane Avenue, Kolkata, West Bengal 700046</b> on or before 27 <sup>th</sup> November, 2020 at 14:00 Hrs.
Period of Completion of Work	60 days

**Note\*\* – Pre-Bid Meeting will be held in the Seminar Hall of SCIENCE CITY, Kolkata. The clarifications given during meeting will be conveyed to parties through email. Technical Bid Presentation shall be held at the Seminar hall.**

**Both the pre-bid meeting and the Presentation may be given either in person or through video conference. Bidders interested to attend meeting in Science City may send their confirmation**

through email to **sciencecity.kol@gmail.com** and **pramod\_grover@hotmail.com** and bidders interested to participate through video conferencing (Microsoft Teams) need to send their contact details and email ids to the above mentioned email addresses for sending online pre-bid meeting link.

The online bid, both Technical Bid and Financial Bid, should be uploaded by the due date and time as per the above schedule. The responsibility to ensure the same lies with the bidders. Offline tenders shall not be accepted and no request in this regard will be entertained whatsoever.

**Online Technical Bid will be opened at the first instance in SCIENCE CITY, Kolkata at 3:00 P.M. on 2<sup>nd</sup> December, 2020 for technical evaluation as well as selection of technically acceptable offers.** In the second stage, the Financial Bids of only the selected and techno-commercially acceptable offers / system / equipment will be opened. Decision of the Science City, regarding selection of eligible and qualified vendors / firms for opening the Financial Bid shall be final and binding on the bidders.

SCIENCE CITY, Kolkata reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. SCIENCE CITY is not bound to accept merely the lowest tender but the technical suitability, capability and superiority of the job.

1. Tender document can be downloaded from Central Public Procurement Portal (CPPP) website “[http:// eprocure.gov.in](http://eprocure.gov.in)”
2. **Visit to the Space Theatre in Science City, Kolkata:** Bidders are advised to visit the Space Theatre in Science City, Kolkata and ascertain the nature and quantum of work before submitting their bids.
3. Submission of the Bid: This Tender is an e-Tender and bids are to be submitted through CPP Portal (<http://eprocure.gov.in>) only. Bids submitted in physical forms will be summarily rejected.
4. Details of EMD, submission of tender, etc. are indicated in the tender document.
5. The online bid both Technical (Techno-Commercial) Bid and Financial bid duly furnished in Cover –I and Cover-II respectively should be uploaded by the due date and time as per the above schedule. The responsibility to ensure the same lies with the bidders.
6. Science City, Kolkata reserves the right to amend / withdraw any of the terms and conditions in the tender documents or to reject any or all bids without giving any notice or assigning any reason. Science City, Kolkata also reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. Science City, Kolkata shall also not be bound to accept merely the lowest tender but the technical suitability, capability and superiority of the concept/ technology interface/system etc. shall be of prime consideration for selection of the appropriate set of concept/ technology interface /system collectively considered as a complete solution.

Store & Purchase Officer  
Science City, Kolkata

### General Information and Instructions

1. The instructions given herein will be strictly binding on the bidders and deviation, if any will make the tender or tenders liable to be considered invalid. Tenders incorporating additional conditions by the bidder are liable for rejection.
2. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app> Manual bids shall not be accepted.
3. The instructions given in “Annexure-A” for “Instruction for Online Bid Submission” should be strictly followed during submission of the Bid.
4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
5. An agent of foreign OEM, for submitting the offer on behalf of OEM, would be required to produce a copy of their legal bid agreement with their principal as an Indian agent failing which their bid would be disqualified.
6. Bid should be submitted along with the **Earnest Money of Rs. 3.75 lakhs** by way of crossed Demand Draft / Pay Order on any of the commercial banks or payment online by NEFT / RTGS payable in favour of “SCIENCE CITY”, payable at Kolkata (Bank Details of Science City for NEFT/RTGS is given in Annexure- F). Earnest Money deposit in the form of Bank Guarantee /Bond or any other instrument shall not be accepted and shall be rejected straightway. Earnest Money deposits in respect of such offers which are not accepted will be returned to the bidders within 30 working days from the date on which the final decision is taken about the agency through which tendered work will be carried out or within 2 (two) months from the date of the opening of the tenders, whichever is earlier. No interest will be paid on the Earnest Money deposited with the Council. Earnest Money deposit in respect of the successful bidders will be retained with the SCIENCE CITY until entire execution of the order as per terms of the tender. If the successful bidder fails to execute the order strictly as per the SCIENCE CITY’s drawing & specification in full or part within the stipulated delivery period of the purchase order, the Earnest Money deposit retained with the SCIENCE CITY shall be forfeited forthwith after cancellation of the concerned order. Exemption of EMD is not allowed.
7. **Validity of Bids: The Bids should remain valid for 90 days from the date of opening of Financial Bids.**
8. **Rejection of Bids:** Canvassing by the Bidder(s) in any form, unsolicited letter and post-tender correction may invoke summary rejection. Conditional tenders will be rejected. Non-compliance of applicable General Information and Instructions will disqualify the Bid.
9. The Bidders should have Digital Signature Certificate (DSC) for filling up the Bids. The person signing the tender documents should be authorized for submitting the on line e-tender.
10. The Financial Bid (BOQ) shall be filled in and signed by the authorized signatory online as per proforma “Annexure- H” available at Central Public Procurement Portal e-tender system website <http://eprocure.gov.in/eprocure/app>. off line Financial Bid shall not be accepted.

11. Tender must be uploaded on-line in two separate covers - namely Cover – 1 (Technical) and Cover– 2 (Financial) on Central Public Procurement Portal. The contents of Cover shall be as follows: -

**Cover- 1 ((Technical))**

Sl. No.	Description	Yes	No	Remarks
01	Technical (Techno-Commercial) BID duly filled-in and signed with official stamp. (as per Annexure-E format)			
02	Proof of concept (PoC) document and details of sample video .Sample Video of 1-2-minutes duration on the topic “History, Science and Culture of India” in portable media shall be submitted by the bidder at Science City, JBS Haldane Avenue, Kolkata, West Bengal 700046 on or before 27 <sup>th</sup> November, 2020 at 14:00 Hrs.			
03	General Terms & Conditions (as detailed in Annexure-B) duly signed with official stamp as a token of acceptance			
04	Annexure G along with copies of document showing last 3 years’ financial turnover of the firm.			
05	Scanned Copy of the current and valid GST return Certificate.			
06	The ‘Declaration’ duly signed with official stamp (as detailed in Annexure-C).			
07	Format for Articles of Agreement (As per Annexure-I) duly signed with official stamp as a token of acceptance.			
08	Signed and scanned copies of duly filled in consent letters of all the team members (As per Annexure – J)			
09	Scanned copy of Demand Draft / details of online payment for Earnest Money Deposit of Rs. 3.75 lakh (Rs Three Lakh and Seventy Five Thousand Only)			

**Cover-2 (Financial)**

- i) The Financial Bid (as per Annexure-H) i.e. Schedule of Price Bid in the form of Attached BOQ Performa shall be duly filled in, digitally signed and uploaded online by the bidder.

**ii) Science City reserves the right to award work either for item no.1, item no.2 or item no. 3 of BOQ (as per Annexure-H)**

The Cover-1, i.e. Technical (Techno-commercial) Bid shall be opened by Science City at the first instance and evaluated by the competent authority. At the second stage, the Cover-2 containing Financial Bid of only techno-commercially acceptable offers shall be opened for further evaluation and ranking before awarding the contract.

N.B.: The bidders shall consider the prevailing tax rates while quoting the rates. However, in the event of any changes in the statutory taxes and duties, the rates applicable at the time of payment shall be made by the competent authority of the SCIENCE CITY, Kolkata against submission of supporting documentary evidence.

12. The authorities of SCIENCE CITY, Kolkata who do not bind themselves to accept the lowest tender, reserves the right to reject or accept any or all tenders wholly or partially without assigning any reason whatsoever.



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**Instructions for Online Bid Submission**

1. The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.
2. More information useful for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in/eprocure/app>

**REGISTRATION**

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online Bidders Enrolment**” on the CPP Portal which is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.) with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
6. Bidders may then log-in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

**SEARCHING FOR TENDER DOCUMENTS**

1. There are various search options built in the CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords, etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective “My Tenders” folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidders should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

## PREPARATION OF BIDS

1. Bidders should take into account any corrigendum published on CPPP in connection with the tender document before submitting their bids.
2. **Please go through the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of sets in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.**
3. Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF / JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates, etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

## SUBMISSION OF BIDS

1. Bidders should log-in to the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidders will be responsible for any delay due to other issues.
2. The bidders have to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidders have to select the payment option as “offline” to pay the requisite Earnest Money Deposit (EMD) and enter detail of the instrument.
4. **Bidders should submit the EMD as per the instructions specified in the tender document. The original instrument should be posted/couriered/given in person to the Tender Processing Section at the above address, latest by the last date of bid submission. The detail of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.**
5. A standard Price Schedule format (BOQ) has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other

details (such as name of the bidders). No other cells should be changed. **In case no rate value is required to be quoted in any particular cell, that cell may be kept blank, figure “0” (zero) shall not be entered in such cell(s).** Once the details have been completed, the bidders should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidders, the bid will be rejected.

6. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referring the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener’s public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message and a bid summary will be displayed with the bid number and the date & time of submission of the bid with all other relevant details.
10. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

#### **ASSISTANCE TO BIDDERS**

1. Any enquiries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal helpdesk. The contact number for the helpdesk is 1800 233 7315.

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**NOTICE INVITING E-TENDER**

**TENDER No. SCCY/18011/PUR/08/2020(22)**

**Name of the work: Script writing & development of trilingual (Bengali, Hindi & English) digital fulldome film for Space Theater of Science City, Kolkata**

**1. Introduction:**

Science City, Kolkata a unit of National Council of Science Museums, Ministry of Culture, Government of India invites bids for scripting and development of digital fulldome film for screening in Space theatre from reputed and experienced agencies in the field of film production.

**Brief Information about Space theatre of Science City, Kolkata:** Digital fulldome theatre of Science City, Kolkata was inaugurated by Hon'ble Minister of Culture, Govt. of India on 18th February, 2019. In this theatre, immersive 2D and 3D films were screened on regular basis for the visitors before the lockdown due to Covid 19 pandemic. 2D and active 3D versions of "Asteroid: Mission Extreme" and "Life of Trees" were screened for the visitors up to March 2020.

- i.** Science City therefore invites e-tender from Company/Firm/Agency/Consortium with adequate experience, sound financial background and proven capabilities for scripting, shooting, editing, development and production of high quality films for screening in space theatre.
- ii.** Bidders who are interested to participate should meet the eligibility criteria and submit their duly completed bids along with all the required documents in support of their eligibility qualification.
- iii.** If at any stage, it comes to the notice of Science City that any successful/qualified bidder had misrepresented the facts/falsely claimed any qualification while submitting his bid or at any time subsequently, the agency will be disqualified. And in any such instance, Science City also reserves the right to take any further action against such bidder under law.

**2. ELIGIBILITY CRITERIA FOR APPLYING**

Agencies / film making companies / production houses that are fulfilling the following conditions will be eligible for submission of E-Tender:

- i. The bidder could be an Individual, Limited Company/Corporation, Proprietary Firm, Partnership Firm/Company etc. Consortium or Joint Venture are allowed to bid for the Works.
- ii. The bidder should have minimum 05 year experience preceding the proposal due date, in the production of Films. Experience should be in production of feature film/ documentary series / films in the field of/related to Indian Culture, Indian Science & Technology programs etc series for release in theatre /National or International Channels/ OTT Channels etc. Production for reputed National & International Broadcasters receiving National & International Awards for their productions / films / programs / documentaries will attract additional points in the selection process.
- iii. The registered company/firm should have well trained production team, having director, script writer, cinematographer, Motion graphics, VFX Animation Studio and farm for rendering and encoding of full-dome /large format films
- iv. Firms / Companies should have average annual financial turnover of Rs.150.00 lakhs during the last 3 financial years (2019-20, 2018-19, and 2017-18).
- v. The Bidder should have the requisite work experience of **completing** similar projects during the last 5 years preceding the proposal due date as per the details given below:

One similar work of value not less than **Rs. 120.00 Lakh** of the estimated cost of work.

Or

Two similar works each of value not less than **Rs. 75.00 Lakh** of estimated cost of work.

Or

Three similar works each of value not less than **Rs. 60.00 Lakh** of estimated cost of work.

**Notes:**

Here the **similar works\*** means the work of “Experience in production of feature film/ documentary series / films in the field of/related to Indian Culture, Indian Science & Technology programs etc series for release in theatre /National or International Channels/ OTT Channels”. Mere production of promotional film/documentary for departments or Industrial house etc will not be considered as similar work.

- vi. The bidder should provide documentary proof for the above in the form of a work order / supply order / contract document and **completion report/ testimonials for completion.**

- a. Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:
- b. Made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- c. Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.

**vii. Proof of Concept (PoC)**

The bidders **must submit** a proof of concept (PoC) document i.e. scheme for creating the script writing & production of trilingual (Bengali, Hindi & English) digital full dome film for Space theatre. This PoC must include the draft script of the proposed film along with the treatment that is proposed to be given to the film. **Submission of PoC document is mandatory. Non submission of PoC document may lead to summarily rejection of bid.**

**Notes:**

1. Techno-Commercial bids of the agencies that fulfil the above pre-qualification criteria shall be opened.
2. The bidder has to upload the compliance letter on its letterhead duly signed by the authorized signature & other supporting documents as asked for in the bid in scanned format. Failing to submit the same or non-compliance/deviation from any bid terms and conditions, eligibility criteria or technical specifications may result in rejection of the bid.

**2. PROPOSAL EVALUATION / SELECTION CRITERIA**

A three-stage procedure under Quality Cum Cost Based (QCBS) Evaluation will be adopted in evaluating the proposals

- i. Eligibility Criteria Evaluation: Any short coming of the documents will lead to rejection of the bid and other envelope will not be opened.
- ii. Thematic/Technical Presentation Evaluation: The agencies qualifying on the basis of their credentials evaluation will only be called for Thematic /Technical Presentations which can be at a very short notice of even three days.
- iii. Financial Evaluation: Only the bidders/firms securing the minimum qualifying marks based on Eligibility Criteria Evaluation and Technical/Presentation Evaluation as described in details below will be eligible for their Financial Bid Opening & Financial Evaluation.

## A. Technical Evaluation

- i. The Evaluation Committee appointed by the Client shall carry out its evaluation applying the evaluation criteria specified in the bid document. Evaluation of the application would be done as per the documents submitted. Bidders/agencies who are in the trade and are fulfilling the pre-qualification criteria as per the documents required would only be called for thematic presentation which can be at a very short notice of even three days.
- ii. Further during the technical presentation the evaluation would be carried out on Quality and Cost Based Selection (QCBS) basis where the Technical cum creative evaluation would be given upto 100 marks.
- iii. Each responsive proposal shall be attributed a technical score. On the basis of the technical assessment, **agencies securing minimum 75 marks out of 100 will be shortlisted and the financial bids of only the shortlisted agencies will be opened.** The date and time of opening of the financial bids will be intimated to the selected /shortlisted agencies through CPP portal.

## B. Financial Evaluation

### Quality and Cost Based Selection (QCBS)

Under the Quality and Cost Based Selection (QCBS) basis, the **weightage to Technical and Financial Bids would be 70% and 30% respectively.**

- i. **Technical Bid:** The total marks obtained out of 100 marks in technical bid shall be scaled down to a maximum of 70 as follows which shall henceforth be the total marks obtained by the bidder against the technical bid.  
Marks (max 70) on technical Bid (A) =  $0.70 \times \text{Marks of Technical Bid under evaluation}$ .
- ii. **Financial Bid:** The lowest financial bid would be the best financial bid and shall be awarded 30 marks. Other financial bidders would be awarded marks out of a maximum of 30 based on the following formula:  
Marks (Max 30) on Financial Bid (B) =  $0.30 \times (\text{Lowest Financial Bid}) \times 100 \div \text{Financial Bid under Evaluation}$ .

The bidder scoring maximum total marks  $\{(A) + (B)\}$  would be recommended for selection.

### Notes:

Technical Bids will be evaluated on the basis of documents as detailed above & Presentations to be made by the eligible agencies before the Constituted Committee.

The date and time of the presentations will be conveyed to the eligible agencies.

### C. Technical cum Creative Evaluation Marks

The Technical Bids will be evaluated on the basis of the indicated parameters in the table below:

Evaluation of bids found eligible as per pre-qualification criteria would be undertaken by Technical Evaluation Committee Constituted by the competent authority as per parameters cited below.

Sl. No.	Parameter	Criteria	Max. Marks 100	Marks Obtained
1.	Credentials of applicant/agency: The bidder should have minimum 05 year experience preceding the proposal due date, in the production of Films. <b>(Total Max. marks- 10)</b>	5 Years - 6 Marks More than 5 years upto 10 years - Bonus 2 Marks More than 10 years –Bonus 2 Marks	10	
2.	Team (Experience and credentials will be taken into account for giving the marks. Provide detailed Biodata highlighting their past work. <b>(Total Max. marks- 18)</b>	Director - 4 Marks- Subject Expert - 4 Marks Cinematographer– 3 Marks Script Writer – 3 Marks Motion graphics, VFX Animation Studio/Member – 2 Marks Render farm and Sound studio, - 2 Marks	18	
3.	Financial Soundness: Firms / Companies should have average annual financial turnover of Rs.150.00 lakhs during the last 3 financial years (2019-20, 2018-19, and 2017-18){ <b>of Lead Partner in case of consortium</b> } <b>(Total Max.Marks- 10)</b>	<b>Turnover:</b> i. For average annual average turnover above Rs. 150.00 Lakh - 7 marks ii. For average annual turnover in excess of 150.00 Lakh @ 1 marks per Rs. 50.00 Lakh (maximum of 10 marks).	10	



4.	<p>Experience of works: <b>Completion of</b> similar projects during the last 5 years as per the details given below:  One similar work of value not less than <b>Rs. 120.00 Lakh</b> of the estimated cost of work. Or Two similar works each of value not less than <b>Rs. 75.00 Lakh</b> of estimated cost of work. Or Three similar works each of value not less than <b>Rs. 60.00 Lakh</b> of estimated cost of work.  <b>(Total Max Marks- 12)</b></p>	<p>For completed works having value <math>\geq</math> Rs. 120.00 Lakh- 12 marks for each work (Maximum 12 marks)</p> <p>For completed works having value <math>\geq</math> Rs. 75.00 Lakh &lt; Rs. 120.00 Lakh – 6 marks for each work (Maximum 12 marks)</p> <p>For completed works having value <math>\geq</math> Rs. 60.00 Lakh &lt; 75.00 Lakh - 4 marks for each work (Maximum 12 marks)</p>	12	
5.	<p>Technical presentation before the Technical Evaluation Committee  <b>(Total Max Marks- 50)</b></p>	<p>a. Past work experience (at least one digital fulldome film)  <b>5 marks</b></p> <p>b. Awards, National and International recognitions etc.  <b>5 marks</b></p> <p>c. Treatment to storyline of the film  <b>10 marks</b></p> <p>d. Presentation  <b>10 marks</b></p> <p>e. Sample Video/Film on Indian/International film on History , Science and Culture -  <b>20 marks</b></p>	50	

**Note :** Bidders who are awarded zero marks in any of the item from S.No. 1 to 3 will not be qualified for technical presentation. Bidders must get 12 marks for the item in the S.No.4, else will not be qualified for technical presentation.

In the event, 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.

### CHECK LIST

Check list of Tender No.: SCCY/18011/PUR/08/2020(22) for Script Writing & Development of Trilingual (Bengali, Hindi & English) digital full dome film for Space theatre, Kolkata

Sl. No.	Description	Yes /No	Page Reference
01.	Whether E-Tender uploaded in Two parts (i.e. Technical & Financial) separately. Please note that one set hard copy of original signed bids and sample video in portable media must be delivered at SCIENCE CITY, Kolkata on or before 27 <sup>th</sup> November 2020.		
02	Whether Tender documents carefully studied & understood.		
03	Whether Tender documents duly signed and stamped on all pages is scanned and uploaded as Cover-1 of the Tender in Central Public Procurement Portal.		
04	Whether Earnest Money of Rs. 3.75 lakh (Rs Three Lakh and Seventy Five Thousand Only) submitted by online / vide Demand Draft No. .... dated..... and Scanned copy of DD uploaded as Cover-1 of the Tender. Please note that the original DD should be couriered /hand delivered to SCIENCE CITY Kolkata / online payment details shall be sent to SCIENCE CITY before last date of submission of the tender document.		
05	Whether Declaration regarding Non-relation, duly signed and stamped, and scanned copy of the same uploaded as Cover-1 of the Tender in central public procurement portal. <b>Annexure C</b>		
06	Whether Declaration certifying that there is no extra condition quoted in the Offer Form duly signed and stamped, and scanned copy of the same uploaded as Cover-1 of the Tender in central public procurement portal. <b>Annexure C</b>		

Date:

Signature of the Tenderer

Place:

Official Seal

**Annexure-B**

**SCIENCE CITY**  
 (National Council of Science Museums)  
 J.B.S HALDANE AVENUE, KOLKATA -700046

**GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER**

For Script Writing & Development of Trilingual (Bengali, Hindi & English) digital full dome film for Space theatre, Kolkata the tenderers are required to submit the tender in two covers i.e. Cover-I and Cover – II as per the details given in the point 11 of **General Information and Instructions**.

1. **PRICE:** The rates quoted/indicated shall include cost as per the details specified in **Annexure-D** “Technical specification and Scope of Work”, in the tender document. **The rates of GST and other taxes/levies to be imposed on the quoted rates shall have to be clearly and separately mentioned.** Price and rate quoted shall be firm and fixed for the entire period of execution of the work and no escalation of rate on any ground whatsoever shall be allowed. The overall lowest bidder shall be awarded the tender.
2. The bidders shall consider the prevailing tax rates while quoting the rates. However, in the event of any changes in the statutory taxes and duties, the rates applicable at the time of payment shall be made by the competent authority of the SCIENCE CITY, Kolkata against submission of supporting documentary evidence.
3. The successful tenderer shall submit the following documents within 07 (Seven) days from the date of placement of Letter of Intent.
  - a. Duplicate copy of Letter of Intent duly signed and stamped as a token of acceptance of the work order.
  - b. Non-judicial stamp paper of appropriate value for preparing the Agreement governing the terms and conditions of the Contract.
  - c. Security Deposit as detailed in Clause No. 12 of General Terms & Conditions.
4. **TIME OF COMPLETION:** Time is the essence of the tender. The entire work of final film supply shall be completed in time bound manner. The entire work shall be completed within **60 (Sixty) days** from the date of placement of Letter of Intent. The tenderer may please note that all the films ordered shall have to be completed in the same time frame.
5. For non-compliance of any of the above terms and non-delivery of the tendered item complete in all respects within the above stipulated period, the Science City shall either cancel the order or impose penalty as detailed in Clause 6 below. The Science City reserves the right to cancel the order and no payment will be made under such condition. Decision of the Science City in this regard shall be final and binding on the successful tenderers.
6. **PENALTY CLAUSE:** The successful Tenderer shall strictly observe the time allowed for carrying out the job as detailed in Clause No. 4. The job shall, throughout the stipulated period of the order be proceeded with all the diligence (time being deemed to be the essence of the

order) and the successful Tenderer shall pay to the Science City, an amount equal to 1% of the amount of the order value for every week that the delivery may remain incomplete as per delivery schedule as stipulated in Clause no. 4, subject to a maximum compensation of 10% of the order value and after that period appropriate action will be taken by the Science City, as it will deem fit.

7. The Science City may extend the time of delivery of the tendered job at its discretion on the application of the successful tenderer for such purpose provided that it considers the reasons for such extension as good, sufficient, acceptable and unavoidable.

**8. SCOPE OF WORK:** As per Annexure “D”

**9. PAYMENT TERMS:**

- i. No advance payment shall be made by the Science City under any circumstances. Payment shall be released after satisfactory completion of the entire job and within 60 (sixty) days from the date of receipt of Tax Invoice duly supported by receipted challan and satisfactory inspection/work completion certificate issued by the competent authority of the Science City.
- ii. Payment shall be released through NEFT/RTGS for which details of bank account shall be mentioned in their bill.

**10. COPYRIGHT:** The script provided to the bidders for quoting their rates and the finally developed films will be the sole property of National Council of Science Museums. The successful Tenderer under no circumstances will sell, lease, use, lend or donate the script and films, wholly or partly, to any other client. Also, the images, videos and other material to be used in the film should be copyright free.

**11.** In case, the successful Tenderer refuses to accept the offer after finalization or does not comply with the **Clause No. 4** as per the finalized and accepted terms and conditions, the order shall be cancelled forthwith without any further reference and the EMD will be forfeited.

**12. Security Deposit:** Technically lowest successful tenderer shall deposit 10% of the total amount of work awarded at SCIENCE CITY as refundable security deposit in the form of DD after adjusting the EMD already deposited with this NIT, after getting the confirmed order and before the commencement of work. The security deposit shall be refunded to the successful bidder one year after the completion of work.

**13.** Every effort should be made to complete the work by the successful Tenderer within the specified time schedule. In case the successful tenderer fails to comply with Clause No.4 i.e., the specified time schedule as per the finalized and accepted terms and conditions the Science City shall have the rights to either impose Penalty Clause or cancel the order forfeiting the EMD. The decision of the Science City in this regard shall be final and binding on the successful Tenderer.

**14.** Bad quality of work will not be accepted and if carried out is liable to be rejected and should be rectified by the successful Tenderer at his cost as per specifications and directions given by the authorized representatives of the Science City. The decision of the Science City, as to items of

bad quality and proper rectification, will be final and binding on the successful Tenderers.

15. Any ambiguity in the specification / scope of work is detected; it shall be promptly brought to the notice of the Science City for clarifications. The successful tenderer without written approval/permission of the Science City shall make no deviation from the approved specifications.
16. The successful Tenderer shall submit necessary trade and other licenses as may be required to carry on the tendered job and shall also be responsible for compliance at his/her own cost of all rules and regulations, enforced from time to time by the appropriate authorities.
17. The successful Tenderer shall not under any circumstances whatsoever transfer wholly or partly the contract/agreement/Purchase Order to any other person(s)/firm/company or assign the agreement or benefits of this agreement to any other party for any reason whatsoever. Otherwise the order/ agreement will automatically stand cancelled.
18. The authorities of the Science City, reserve the right to amend, alter or modify the terms and conditions mentioned above, if necessary, from time to time and also cancel the tender without assigning any reason.
19. Income Tax and Work Contract Tax or any other tax as applicable shall be deducted at source, if applicable, from each bill/claim of firm as per prevailing Government rules.
20. Incomplete offers, i.e. offers received without prescribed "Offer Form" (BOQ), "General Terms of Conditions", Technical Specifications" duly signed on all pages with official seal may be rejected straightway without reference to the tenderer.
21. Party must have valid TIN/PAN/GST Registration number and attach a documentary proof with the Tender.
22. The agency shall take care of all statutory obligations as are required under the Contract Labour Regulation Act, etc.
23. The offer shall be valid for a minimum period of 3 months from the date of opening of the tender.
24. The agencies participating in the tender and bidding, may obtain on specific request, details about the outcome of the tender and other related details, if any.
25. **Arbitration** : All disputes and differences between the successful tenderer and the Science City of any kind, except quality of workmanship and materials, whatever arising out of or in connection with the order on carrying out of the work (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach

of the terms and conditions of the order) shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums, whose decision in this regard will be final and binding on both the parties – the successful Tenderer and the Science City. The provisions of the Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof and of the rules made there under for the time being in force shall apply to arbitration's proceedings under this Clause.

26. **Force Majeure:** In the event of either party being rendered unable by Force Majeure to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such Force Majeure shall be suspended for the period during which such cause lasts. The term "Force Majeure" as employed herein shall mean acts of God, War, Civil Riots, Fire directly affecting the execution of the work, Flood and Acts and Regulations of the government. Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing, the beginning of the cause amounting to Force Majeure as also the ending of the said cause by giving notice to the other party within 72 (seventy-two) hours of the alleged beginning and ending of the cause respectively. If performance under the LoI is suspended by Force Majeure conditions lasting for more than 2 (two) months, either party shall have the option of cancelling the LoI, in whole or in part, at its discretion without any liability on its part.

Time for performance of the relative obligation suspended by Force Majeure shall stand extended by period for which such cause lasts.

**Annexure-C**

**SCIENCE CITY**  
(National Council of Science Museums)  
J.B.S HALDANE AVENUE, KOLKATA -00046

**Tender No.: SCCY/18011/PUR/08/2020(22)**

**DECLARATION-I**

This is to certify that I/We have no close relative as an employee of the National Council of Science Museums (close relatives means: Father, Mother, Brother, Sister, Son, Daughter and Spouse) nor any such close relatives are associated with us as proprietor/partner/share holder/ director and like.

Signature of the tenderer Address:

Official seal with date

**DECLARATION-II**

We, do hereby accept the General Terms and Conditions as provided by the SCIENCE CITY, Kolkata along with tender documents for Script Writing & Development of Trilingual (Bengali ,Hindi & English) digital fulldome film for Space theatre ,Kolkata and also undertake to execute the job strictly as per the specifications of SCIENCE CITY, Kolkata as provided along with the tender documents. SCIENCE CITY, Kolkata shall be at liberty to cancel the order in full or in part and forfeit the Earnest Money Deposit or Security Deposit retained with them in the event of failure of any of the declaration made by us.

Signature of the tenderer / Constituted Attorney (With date and Official Seal)

**Annexure – D****SCRIPT WRITING & DEVELOPMENT OF TRILINGUAL (BENGALI, HINDI & ENGLISH) DIGITAL FULLDOME FILM FOR SPACE THEATRE, KOLKATA****Scope of Work: -**

Script Writing and Development of trilingual (Bengali, Hindi & English) films listed below in digital Domemaster (Digital fulldome) format.

<b>Sl. No.</b>	<b>Film Title (Trilingual)</b>	<b>Duration (±10% min.)</b>	<b>Format</b>	<b>Qty.</b>	<b>Script details</b>
1	“History ,Science & Culture of WEST BENGAL”	20-25 MINUTES	Digital fulldome	1	Annexure-D1

The Agencies/ film making companies/ production houses must quote for script writing, film development and production charges including all charges for the following: The work/ cost includes -

- a) Script making of the proposed films.
- b) Pre-production, shooting with 4K Fish-eye/rigged multiple cameras and drone camera and editing, post production recording music and voice over and for the above.
- c) Hiring of Director, subject expert and other artists, depending on the script.
- d) Sourcing of material such as texts, paintings, images, graphics, videos etc. depending on the script.
- e) Shooting of film in 4K and rough shoot and final film has to be transferred to the Science City in appropriate media.
- f) Voice over artists both (male and female) of top quality. The agency may use personalities like Shammi Narang, Harish Bhimani, Atul Kapoor or better renowned voiceover artist, duly approved by the Science City.
- g) Hiring of all required infrastructure to shoot the film besides purchasing raw stock, processing, hire of camera & lights, appropriate drone cameras, other equipment, studio hire, make-up, location and procuring all necessary permissions for shoot (including drone shoot), catering, transportation etc.
- h) For hiring a crew including Director, Cameraman and other technical & production team- Assistant Directors, Music Director, Editors, Production Assistant, Spot boy, Lighting crew etc.
- i) All production/post-production charges such as: Script Making, Concept creation & story Visual Storyboard & Art work creation. Voiceover recording for three languages (Bengali, Hindi and English). Location shoot direction including interviews (if required). Studio hire for editing charges. Motion graphics, VFX and Animation charges. Music composition. Film editing **Buying** of Royalty Free stock footages, Images in Domemaster Format, Any other charges.
- j) Expenses towards travel, boarding and lodging and local guild charges (if any) for the entire production and technical crew at the locations.

**Cost of Censor certificate and procedural formalities needs to be undertaken by the production company**



**NOTE: Cost per minute extra or less in the finally accepted film will be paid to or deducted from the final bill of the party at a rate of 50% of the unit rate (cost per minute) quoted by the agency on a pro-rata basis. This does not include the  $\pm 10\%$  margin mentioned in the schedule of films.**

**Deliverables (in portable media / in Solid State Hard Disks)**

- i. Master copy of the film/s including dubbed version in final resolution
- ii. Raw cut of the entire footages shot is the property of SCIENCE CITY and the same is required to be handed over in the delivery format mentioned above.
- iii. 5 DVD copies of the film/s including the dubbed version.
- iv. Inlay card of the DVD (in .psd format).
- v. Copy of the final script in print form (Bengali, Hindi and English languages).
- vi. Synopsis of the film/s (Word doc or rtf format as well as hard copy).

**Note:** Responsibility for obtaining all necessary permissions wherever required lies on the Agency.

**Technical Presentation:** The shortlisted bidders as per eligibility criteria are required to give a presentation for technical evaluation on dates intimated though email within short notice of 3 days at SCIENCE CITY Kolkata either in person or through video conference before the committee in which the bidders will present the following:

1. Detailed information about the Film Director and Subject Expert whom they are planning to engage in prescribed format as mentioned in Annexure-
2. What treatment they propose to give to the storyline of each film.
3. Sample Video of 1.5 to 2.0 minutes duration on History, Science and Culture of India/any other country”.
4. At least one film of similar nature developed by agency using same director during last 3 years.
5. Work order and completion certificate of the two films that are shown to the committee.
6. There will be marking according the QCBS method having the ratio of 70:30 for Technical and Financial selection.
7. The marks obtained during the technical presentation shall be added to the final score of the technical scrutiny of the tender.
8. Distribution of marks for technical presentation shall be calculated on the following basis:
 

a. Past work experience (at least one digital fulldome film)	- 5 marks
b. Awards, National and International recognitions etc.	- 5 marks
c. Treatment to storyline to each film	- 10 marks
d. Presentation	- 10 marks
e. Sample Video/Film as mentioned at 3 above	- 20 marks.
9. No TA/DA will be admissible to the proposer/ applicants. Proposer or their authorized representatives will attend the presentation at their own cost.

Financial bid of only those bidders shall be opened who will qualify the technical presentation. The decision of the committee, duly appointed by Director, SCIENCE CITY will be final in this regard and will be binding on all respondents.

**Copyright:** SCIENCE CITY, Kolkata shall hold proprietary rights on the use, marketing contents, and intellectuals etc. of the final edited films and all shooting materials.

## Annexure D1

**Digital fulldome live shooting on West Bengal:** An immersive experience of history, science and culture of West Bengal. Storyboarding and shooting may be based on the following guidelines and locations in the West Bengal

Duration: About 25 mins

### **DIGITAL FULLDOME FILM ON HISTORY, SCIENCE AND CULTURE OF WEST BENGAL**

*(THRUST AREAS: How Bengal has adjusted with the changing times and is slowly regaining its past glory. In addition, what kind of future challenges this state is going to face in the coming days along with the probable solutions)*

*What Bengal thinks today, India thinks tomorrow*'. Perhaps this quote of Gopal Krishna Gokhale tells everything about the place that Bengal holds in the eye of the World. No wonder, this land has given birth to World renowned personalities from virtually every field, starting from Science, Literature, Art, Academics, Spirituality, Filmmakers and so on.

This land has a long history that dates back to the time of ancient Greeks and Romans who used to call this land, the Gangaridai. The Ganges has been a silent witness to the wide diversity of people who have made this land their home, at different points of time. Such was the grandeur and resources of this land that hordes of people from all parts of the world have visited this place, for different purposes. Their advent resulted in the amalgamation of the different cultures that became unique to this land.

This land has a rich geography like no other states of India. Here one can see the Sun rising from the lap of Kanchenjunga making the ice blood red which contrasts with the reflection of Sun in water by strolling on the beaches in the evening. The biodiverse rich region is the home of the famous Royal Bengal tiger and some of the rarest plants and animals. Alluvial deposit by river Ganges and Damodar, good monsoon has made the soil one of the most fertile tract.

Prosperity and Spirituality comes naturally to the people of this land.

Come, explore Bengal and get enriched.....

### **HISTORY**

Gangaridai; Succession of Indian empires; Conquest of Muslims; The Bengal Sultanate; The Mughal period; Nawabs and Marathas; The Battle of Plassey & Buxar; British conquest, The Freedom Movement and the Partition.

### **GEOGRAPHY**

Biodiversity of the Himalayas, the Terai, the Plains, the Coasts and the Mangroves with special mention to the Royal Bengal tiger.

The zones that can be covered-

a) Darjeeling Himalayan hill region, Teesta River, Sandakfu (the highest point of West Bengal)

*(Darjeeling Himalayan Railway (DHR), the UNESCO'S World Heritage site)*

- b) Terai region
- c) North Bengal plains- Mahananda River, the Tal and Diara
- d) Rarh region, the area of Red soil
- e) Coastal plain and the fishing zone
- f) **Sunderban, the UNESCO world heritage**

## **INTELLIGENTSIA**

Pre and Post-colonial Intelligentsia, Clash of thoughts during the time of British and the birth of western and non-western Institutions, Impact of Intelligentsia on the trade, commerce and freedom struggle.

Modern day luminaries and their achievements. This may include the Noble laureates, Oscar winners, winners of highest civilian awards etc.

These legends may be covered –

- a. Sri Sri Chaitanya Mahaprabhu
- b. Ravindranath Tagore
- c. Raja Rammahun Roy
- d. Ishwar Chandra Vidyasagar
- e. Michael Madhusudan Dutta
- f. Sri Sri Ramakrishna Paramahansa
- g. Vivekananda
- h. Bankim Chandra Chattopadhyay
- i. Acharya Jagadish Chandra Bose
- j. Prasanta Chandra Mahalanobis
- k. Satyendra Nath Bose
- l. Netaji Subhas Chandra Bose
- m. Kazi Nazrul Islam
- n. Mother Teresa
- o. Pandit Ravi Shankar
- p. Stalwarts of Bengal film industry

## **NOBEL LAUREATES**

- a. Sir Ronald Ross
- b. Rabindranath Tagore
- c. Sir C V Raman

- d. Amartya Sen
- e. Mother Teresa
- f. Abhijit Vinayak Banerjee

## TOURISM

The mountains, The Dooars (**Elephant ride**), Heritage walk, The Sundarbans (**Honey collection and Tiger sighting**)

The Coastal beauty (**with special emphasis on local flora and fauna and how climate change is impacting it**)

## FESTIVALS

- a. Durga Puja (Kumari Pujo in Belur)
- b. Kali Puja in Dakshineswar and Bhai Fota
- c. Jagaddhatri Puja
- d. Chhat Puja
- e. Dol Purnima in Santiniketan
- f. Poush Sankranti
- g. TusuParob, Purulia
- h. PoilaBoisakh
- i. **Calcutta Book Fair**
- j. Ganga Sagar Mela

## HERITAGE

- a. Tea garden and tea processing
- b. Gour of Malda and the Islamic architecture
- c. Mosques, tombs, museums of Murshidabad
- d. Terracotta panels, Dasavatara (Ganjifa cards) cards and patachitra (scroll) paintings of Bishnupur
- e. Kolkata – Tram, Colonial buildings, Metro rail (India's first), Hand driven Rickshaw
- f. Howrah Bridge and Vidyasagar Setu
- g. Santiniketan
- h. Sealdah, Howrah and Kharagpur Railway station

## BENGAL CUISINE

- a. Influence of different countries on Bengal cuisine like the influence of Mughal, Chinese, Anglo, Odia, Bangladesh etc.
- b. Rosogolla, Sandesh, Misti Doi, Pithe, Tele bhaja, Hilsa

## **SPECIAL MENTION**

- a. Calcutta Football league and MohunBagan, one of the oldest club of Asia; East Bengal rivalry
- b. The Great Banyan Tree
- c. Eden Gardens
- d. Oldest Port of India
- e. National Library
- f. SBI's origin in Kolkata
- g. China town
- h. The Calcutta zoo (from Barrackpore to Alipore)
- i. Tant saree and Jute industry

## **IMPACT OF CLIMATE CHANGE on BENGAL**

According to the latest report by Ministry of Earth Sciences titled, 'Assessment of Climate Change over the Indian Region', West Bengal is going to face some real problems due to climate change.

The major impacts that are being felt –

- a. Cyclones of Category 4 and above
- b. Flood risk
- c. Intense thunderstorm
- d. Sea level rise

All these events will increase the vulnerabilities of the resident population and it may result in more Environmental refugees. In addition, there will be food and resource crisis that will increase the probability of restlessness of this place.

*Unlike the normal films that showcase only the beauty of Bengal, this film may try to bring out this worrying issue too. Here the plan is to make people aware of the past glories along with the major events that shaped the history of this land.*

**Scope of Shooting:** Terrestrial Live Shooting in 4K resolution (4096 x 4096) in Digital fulldome Domemasters Format for 23m diameter 23 degrees tilted (165 degrees opening) Digital fulldome theatre at Science City, Kolkata

**Format of shooting:** Multi-camera Rig setup for shooting 180x360 degree video with individual 2.7/4K resolution per channel in wide FoV at 30/60fps in HEVC (h.265) video codec in pixel synchronization or by two fish eye lens of FoV 200 degrees with 3.6/6.0mm focal length lens (HAL

200 or equivalent) in rigged large format Cine-camera setup.

**Option 1:** Only 2D digital fulldome film

**Option 2:** Active 3D digital fulldome film

**Option 3:** Both 2D and active fulldome 3D film

Bidders have to quote their rates for above 3 options in the BOQ.

**Science City reserves the right to award work either for option 1, option 2 or option 3**

**Stitching:** Multi-channel feed optical flow stitching with stabilisation to eliminate all tearing artefacts, converging points and shaky footage and warp video footage in 180 x 360 format. All channels should be blended seamlessly in static and in camera/image-in-motion situations using professional grade stitching software.

**Conversion for Domemasters:** Geometric optimisation of imagery into Digital fulldome projection format (or Domemasters) to match the accurate distortion of the Dome in Science City Digital fulldome Theatre (165 degrees opening at 23 degree tilt) with full immersiveness.

**Post-production:** Non-linear editing according to storyboard with cinematic transition using professional grade large format editing suit. Colour and exposure correction to be rendered according to the production output needed for Dome projection at Science City Digital fulldome Theatre.

**Format of Video Output after Post-production:** Uncompressed .tga sequence for 2D film and left and right frames for active 3D film.

Bidders may inspect the format of 2D and 3D films during their visit to Science City before submission of their bids.

**Narration:** English, Bengali & Hindi versions professionally rendered by renowned Voice artists (preferably male with good baritone)

**Music & Audio:** 5.1 digitally mastered track indigenously composed primarily in the tunes of Indian Classical, Bengali Folk, Rabindrasangeet with overtures and interludes of world music and western instruments. Multichannel music, calibration and reference are vitally important to the outcome of the project. The frequency spectrum analysis, as well as an overall system alignment check, should be done at the start of each project and periodically throughout the duration of the project. Content above 20 kHz can affect the high-frequency drivers of the installed, and potentially, human hearing, caution with respect to high-frequency distortion is highly recommended when monitoring. Pink Noise should be eliminated.

The audio recording, composition, 5.1 mixing and mastering should be in accordance to the spirit of the movie and be indigenously created for the purpose.

Format of Audio Output: \*.ac3 (L, C, R, Ls, and Rs). Synchronized with video channel @ 30fps

**Annexure-E**

SCIENCE CITY  
(National Council of Science Museums)  
J.B.S HALDANE AVENUE, KOLKATA -700046

**Tender No.: SCCY/18011/PUR/08/2020(22)**

TECHNICAL (Techno-Commercial) BID

**Notes: ALL PARTICULARS / INFORMATIONS (CHECKLIST) SHOULD BE GIVEN IN THE FOLLOWING FORMAT WITH COMPLETE DETAILS.**

**TECHNO-CHECKLIST**

Sl. No.	Title	Submitted (Yes / No)
1.	Form -1 : Application Form	
2.	Form -2 : Proposer's Experience	
3.	Form -3 : Sample Script	
4.	Form -4: Sample CD/potable media of earlier work/s	
5.	Form -5: Details of key personals	

I/We hereby declare that the above statements are true. I/We also declare that the decision of SCIENCE CITY regarding selection of eligible firms for opening of Financial Bid (Part- II) shall be final and binding on me/us.

Date

Official Seal

Signature of the Tenderer/ Constituent Attorney

**Form -1****APPLICATION FORM**

<b>S.N.</b>	<b>Particulars</b>	<b>Details</b>
1.	Name of Proposer	
2.	Name of the firm/company	
3.	Complete Address for communication (Address with pin code, telephone numbers, fax no and emails).	
4.	i Phone /Mobile Number ii Email Id	
5.	Legal status of Organization Is it a registered Firm/company? (If a partnership firm, state the name/s and address/es of your partners. If company, state the names and addresses of Directors, photocopies of the certificate of registration should be attached)	Yes/No
6.	i PAN Number ii GST Registration No. iii Average Financial Turnover of the Firm/company during last 3 years	(i) (ii) (iii)
7.	Brief Description of the Proposer's Activities	
8.	Number of years' experience in film making. (Attached work orders of earlier works with other government departments/autonomous bodies /PSUS and other)	
9.	Number of films produced in History, Science & Culture.	
10.	Has the Agency/ its sister concern/any director ever been blacklisted/defaulted by any organization? If yes, please provide details thereof	
11.	State the Name of the Banker including IFSC Code and Account Number of the Tenderer for releasing digital mode of payment	
12.	Whether agreed to accept Payment Terms as per clause 9 of General Terms & Conditions of the Tender. (Please mention 'Yes' or 'NO')	
13.	Minimum time required to complete the tendered item at SCIENCE CITY, Kolkata	
14.	Whether agreed to complete the work as per scope of work (Annexure-D) positively by 60 days as per clause 4 of the General Terms & Conditions of the Tender (Please mention 'YES' or 'NO')	
15.	Enclosed EMD for Rs 3.75 lakhs	Online Transfer ..... DD No ..... dated ..... drawn on bank .....
16.	Any other relevant information	



**Form -2****PROPOSER'S EXPERIENCE**

1. Brief description of the proposer's activities related to video production (attach separately) in the last five years

S.No	Name of the Production	Year of Production	Format	Duration	Language	Organization for which produced	Copy of the work order / documentary proof placed at

2. Experience in the production of Indian science & technology/ Art & Culture video films and digital full dome films, if any (Attach separately) in the last three years

S.No	Name of the Production	Year of Production	Format	Duration	Language	Organization for which produced	Copy of the work-order /documentary proof placed at

3. Awards, certificates and accolades received for video production/ programmes

S.No.	Programmes	Details

4. Agency Experience in similar works in past 5 years (Private/PPP/Joint Venture/Consortium Projects) Agency must submit the work order and completion certificate for the projects.

S. No	Name of the project	Cost of the Order awarded in INR	Name of the Client	Phone of Contact Person of Client	Starting Date of Project	Completion Date of Project	Details/ Scope of work	Where was the project released

**SIGNATURE OF THE PROPOSER WITH STAMP**

**Form – 3****TREATMENT, APPROACH AND SCRIPT****Instructions:**

Enclose a detailed sample script for proposed film/s which may include description of contents, visuals, music etc. Present the treatment and approach to be adopted for the film/s. Give a detailed description of how a typical film would look like. The treatment should not exceed 3 pages for the film.

**SIGNATURE OF THE PROPOSER WITH STAMP**

**Form – 4****SAMPLE CD / PORTABLE MEDIA OF EARLIER WORKS**

Sample copy of earlier works developed by the applicant

I/ We enclose a sample works developed by our firm/ agency titled \_\_\_\_\_ for \_\_\_\_\_ in DVD/ portable media (to be delivered physically or electronically)

1. Name of the film:
2. Year of production:
3. Brief description of the film (not more than 200 words)
4. Awards/ accolades won by the film, if any:
5. Any other information:

**SIGNATURE OF THE PROPOSER WITH STAMP**

**Form – 5****KEY PERSONALS FOR THE PROJECTS APPLIED FOR**

1. Name of the Director
2. Name of the subject expert(s)
3. Name of the Script Writer(s)
4. Name of Cinematographer(s)
5. Motion graphics, VFX Animation Studio/Member(s)
6. Render farm and Sound studio
7. Other personals in creative team:

(Please attach separate sheets in the following format for the Director/ Script Writer/ Subject expert)

- a. Name of the Director / Script Writer / Subject expert
- b. Address:
- c. Contact Number:
- d. Educational qualifications:
- e. No. of year of working experience:
- f. Brief background of the Director/Other Experts including filmography

**SIGNATURE OF THE PROPOSER WITH STAMP**

BANK DETAILS OF SCIENCE CITY, KOLKATA

Name of the Account Holder	SCIENCE CITY, CALCUTTA
Account No.	8419101020050
Bank Name	CANARA BANK
Bank Address	Science City, J.B.S Haldane Avenue, Kolkata
IFSC Code	CNRB0008419
MICR Code	700015053
Type of Account	Saving Account
Branch Code	8419
GST No.	19AAAAN2541C1Z0

**Annexure-G**

**FORMAT FOR ANNUAL TURNOVER AS PER THE AUDITED ACCOUNTS  
TOWARDS THE QUALIFYING EXPERIENCE**

S. No.	Financial Year	Turnover in Indian Rupees(INR)
1.	2017-18	
2.	2018-19	
3.	2019-20	

(In case of Consortium, the Turnover of only lead partner needs to be mentioned)

\_\_\_\_\_  
(Signature of Authorised Signatory)

This is to certify that the above information has been examined by us on the basis of relevant documents; books of accounts & other relevant information and the information submitted above is as per record and as per details annexed.

Signature, Address, Seal & Membership No of Chartered Accountant.

Annexure H

Tender Inviting Authority: Director, Science City, Kolkata

Name of Work: Scripting, shooting, development, Editing, encoding, Testing & Commissioning of Fulldome Film at Science City, J.B.S. Haldane Avenue, Kolkata-700046

Contract No: SCCY-1801/1/PUR/08/2020(22)

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)  
 (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	Item Description	NUMBER #	Quantity	TEXT #	Units	NUMBER #	BASIC RATE in Figures To be entered by the Bidder in Rs. P	NUMBER #	IGST in Percentage 18%	NUMBER #	TOTAL AMOUNT Without Taxes col (13) = (4) x (7) in Rs. P	NUMBER #	TOTAL AMOUNT With Taxes col (14) = sum (8) to (13) in	TEXT #	TOTAL AMOUNT in Words
1	2	Development of Fulldome Film for screening in Space Theatre of Science City, Kolkata		4	5							13	14	15		
		Scripting, shooting development, Editing encoding, Testing & Commissioning of 2D Fulldome film on "History, Science and Culture of West Bengal in Space Theatre of Science City, Kolkata as per scope of work given in the tender document.		1.00	Nos			18.00				0.00	0.00	0.00	INR Zero Only	
		Scripting, shooting development, Editing encoding, Testing & Commissioning of 3D Fulldome film on "History, Science and Culture of West Bengal in Space Theatre of Science City, Kolkata as per scope of work given in the tender document.		1.00	Nos			18.00				0.00	0.00	0.00	INR Zero Only	
		Scripting, shooting development, Editing encoding, Testing & Commissioning of 2D and 3D Fulldome film on "History, Science and Culture of West Bengal in Space Theatre of Science City, Kolkata as per scope of work given in the tender document.		1.00	Nos			18.00				0.00	0.00	0.00	INR Zero Only	
Total in Figures												0.00	0.00	0.00	INR Zero Only	
Quoted Rate in Words												INR Zero Only				





*(Name and address of the Firm).*

AND WHEREAS the said NIT (including appendix) drawings as per list attached, specifications and the priced schedule of quantities and conditions of contract have been signed by or on behalf of the parties hereto. AND whereas the Successful bidder has deposited in Bank Draft/Pay Order/NEFT/RTGS.....

*(Exact amount in words)*

the amount being 10% of the ordered value of the e-tender) with Science City as Security Deposit for the due performance of this Agreement as provided in the said conditions.

NOW IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. In consideration of the payments to be made to him as hereinafter provided the successful bidder shall upon and subject to the conditions herein contained execute and complete the work within ..... days/months from the date of issue of letter of intent / Work Order (as defined in the scope of work of the NIT) and as per the said drawings and such further detailed drawings as may be furnished to him from time to time and described in the said specifications and the said priced schedule of quantities along with the progress of the building work.
2. Science City shall pay to the successful bidder such sum as shall become payable hereunder at the time and in the manner specified in the said conditions.
3. Time is the essence of this agreement and the successful bidder shall proceed with the work, throughout the stipulated period of this contract, strictly according to the CPM/PERT/BAR CHART attached herewith and forming a part of this agreement. At any stage during execution, if any work lags behind the target as indicated in the CPM/PERT/BAR CHART for reasons directly attributable to the successful bidder, he shall pay or allow Science City to deduct from any money due to him a liquidated damage as per Penalty Clause 6 of the General Terms and Conditions of contract.
4. This agreement comprises the work above and all subsidiary works connected therewith, even though such works may not be shown on the drawings, or described in the said specifications or the priced Schedule of Quantities.
5. The Science City reserves to itself the right of altering the drawings and of adding to or omitting any item of work or of having portions of the same carried out departmentally or otherwise and such alterations or variations shall not vitiate this agreement.
6. The General Terms and Conditions, Scope of Work, Bill of Quantities etc. that are part of the tender document for this work will form an integral part of this agreement.
7. All disputes and differences of any kind whatever, arising out of or in connection with the contract on the carrying out of works (Whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the

contract) shall be referred to arbitration as per Clause 25 of General Terms and Conditions of contract (Annexure – B). In case of any legal dispute, other than the arbitration, the court of jurisdiction shall be at the place written in the first line of this agreement.

The provisions of the Arbitration & Reconciliation Act 1996 or any statutory modification or re-enactment thereof and of the rules made there under for the time being in force shall apply to arbitration proceedings under this clause.

In witness whereof the parties have set their respective hands the day and the year and the place hereinabove written.

Signed by for and on behalf of Science City

.....  
(Controller of Administration)

In the presence of

Seal 1. ....  
(Dy Controller, Finance & Accounts)

2. ....  
(Project Co-coordinator/Engineer)

Signed by the said Successful bidder.....

In the presence of

Seal 1. ....

2. ....

**FORMAT FOR THE CONSENT LETTER FROM TEAM MEMBERS**

I \_\_\_\_\_, voluntarily agree to participate in the project if \_\_\_\_\_ is awarded the work of Script Writing and Development of trilingual (Bengali, Hindi & English) films listed below in digital Domemaster (Digital fulldome) format for Science City, Kolkata.

I understand that if I agree to participate now, I cannot withdraw from the project or refuse to work without any consequences of any kind, except under exceptional circumstances.

I understand that I can withdraw from the project, under the justifiable exceptional circumstances, with minimum of two weeks' notice, only with the approval of the authority of Science City.

I understand that my participation involves [*outline briefly in simple terms what will be your specific work for this project*]

I understand that no financial or other benefit, directly or indirectly, will be given to me by Science City for participating in this project.

I understand that in any report on the results of this project my identity will remain anonymous and no credit for this project will be directly attributed to me.

I understand that I will have no claim on the content that I will provide for this project as an expert.

I understand that I am free to contact any of the people involved in the project to seek further clarification and information.

Signature & Seal of the Expert

Signature & Seal of the Bidder

(Name and Designation of Expert)