

**E-Tender Notice No. /GCSC/E&M/2019/121**

**E-Tender documents**  
*for*  
**Repairing Earth Quake Simulator Ride**  
*at*  
**Gujarat Council of Science City, Ahmedabad**



**Technical Proposal**

**Science City, Ahmedabad invites  
Tender  
from**

**Experienced Agencies for  
Repairing Earth Quake Simulator Ride  
(Technical as per document and Financial Proposals)**

**at  
Gujarat Council of Science City  
Science City Road, Ahmedabad – 380 060**

**Tel: 079-29703122, Email: [scityahmedabad@gmail.com](mailto:scityahmedabad@gmail.com)**

**Note: This Technical document contains 28 pages (including Annexures) and tenderers are requested to sign on all the pages.**

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**(1)Important tender dates and place of Submission of Tender Document**

<b>Sr. No</b>	<b>Action</b>	<b>Dates</b>
1	Submission of Technical Bid in Physical form along with, EMD and supporting document at the Science City Office by manual/Speed Post/Courier.	08/08/2019 to 28/08/2019 upto 6pm
2	Online submission date for Price Bid at n-procure office website <a href="http://www.nprocure.com">www.nprocure.com</a> Tel079-2865 4511/12/13	08/08/2019 to 28/08/2019 upto 6pm
3	Pre Bid Meeting at GCSC Office Tel: 079-2970 3122	21/08/2019 at 3 PM
4	Technical bid opening at the below mentioned address: The Executive Director Gujarat Council of Science City Science City Road, Ahmedabad – 380060 Tel: 079-2970 3122	28/08/2019 at 3pm
5	Date of Opening of online Price Bid on n-procure at Science City office (For Technically qualified bidders only)	Will be intimated by later

**(2) NOTICE INVITING e-TENDER**

Sealed tenders (as indicated below in the Important e-Tender Dates) are invited on behalf of the Gujarat Council of Science City (hereinafter referred to as GCSC), a Government of Gujarat undertaking, for the following work at Gujarat Science City, Science City Road, Ahmedabad-380 060 from reputed and experienced agencies having experience of similar kind of work:

<b>Nature of the Work</b>	<b>Tender Fee (Rs.)</b>	<b>Earnest Money Deposit (EMD) (Rs.)</b>
Repairing Earth Quake Simulator Ride in Planet Earth pavilion at Science City, Ahmedabad	<b>Rs. 15,00/- (Fifteen Hundred only) (Non-refundable)</b>	<b>Rs. 36,000/- (Twelve Thousand Only) (Refundable to unsuccessful bidders, without any interest)</b>

### **(3) INSTRUCTIONS TO THE BIDDERS**

- 1. Downloading of Tender documents:** Tender documents can be downloaded online from the following website: [www.scity.gujarat.gov.in](http://www.scity.gujarat.gov.in) by the interested agencies. Downloaded tender will form part of the Technical and Financial bid and tenderer has to submit this downloaded tender documents to the Gujarat Council of Science City (hereinafter referred to as GCSC) duly stamped and signed along with the tender. Tender documents can be procured from the Office of the Science City. The Tender documents are not transferable. Cost of the tender documents is non-refundable.
- 2. Tender/Bid Submissions:** This tender shall be processed in two bids system – namely (i) Technical Bid as per technical specification specified by GCSC and agreed duly stamped and signed on each page (ii) Financial Bid. The tenderers shall submit both the bids simultaneously with the same date of receipt i.e. **on or before 28/08/2019, by 6.00 P.M.** The price bid will be opened, on the date to be fixed later on and made known to the qualified tenderers only after technical evaluation of all the offers received for prequalification bids is completed. Those firms/agencies who do not meet the eligibility criteria as mentioned in the Tender documents or who do not fulfil the precondition requirements and are not technically qualified; their financial bids shall not be opened. The GCSC reserves the right not to intimate the financial bid opening date to such tenderers who do not qualify in the prequalification bid.
- 3. Late/ Delayed Tender:** The Tenderers/Bidders must carefully note that Tenders/Bids received after the last date and time of receipt (as prescribed above) shall be regarded as late tender and shall be summarily rejected and not considered under any circumstance.
- 4. Tender Fee: Rs. 1500/- (Rs. Fifteen Hundred only).** The Tenderer shall submit a non-refundable fees of Rs. 1500/- (Rupees Fifteen Hundred only) in the form of Crossed DD/banker's cheque in the name of the Gujarat Council of Science City, payable at Ahmedabad, along with their Tender/Bid to be considered as responsive. Payment by any other mode shall not be acceptable.
- 5. The Earnest Money Deposit:**
  - 5.1 The Tenderers shall deposit, along with their Tender, Earnest Money Deposit (EMD) of **Rs.36,000/- (Rs. Thirty Six Thousand Only)** in the form of Crossed Demand Draft/Banker's Cheque in favour of the Gujarat Council of Science City, payable at Ahmedabad, to be considered as responsive. In case of non-receipt of Tender Processing Fee & EMD, the Tender shall be rejected as non-responsive. Payment by any other mode shall not be acceptable.
  - 5.2 EMD shall be valid for a period of 90 days from the last date for the bid submission.
  - 5.3 Unsuccessful Tenderer's EMD will be refunded within thirty (30) days from the Award of Work to the Successful Bidder.
  - 5.4 No exemption from submitting the EMD shall be given to any Bidder.
  - 5.5 The EMD will be forfeited on account of one or more of the following reasons:
    - (a) If the Bidder/Tenderer withdraws its bid during the period of Bid Validity;
    - or

- (b) Does not accept the correction of errors made in the Tender documents;
- (c) In case of a successful Bidder, if the Bidder fails:
  - (i) To sign the work order, or commence the assignment within the time limit stipulated by the GCSC; or
  - (ii) To furnish performance security within the time limit stipulated by the GCSC; or
  - (iii) If the Bidder is found to be involved in fraudulent practices; or
  - (iv) If the Bidder fails to submit the copy of work order & acceptance thereof. The GCSC also reserves the right to blacklist such Bidder from participating in future tenders if sufficient cause exists.

**6. Performance Security/Security Deposit:**

- 6.1 The successful Bidder shall furnish Performance Security (Performance Bank Guarantee) as provided in this Tender documents (Annexure –IX) to GCSC for an amount equal to 10% of the total Work Order valid for a period of 1 year beyond the Work Order (the main Agreement) period.
- 6.2 The Performance Bank Guarantee (PBG) will remain with GCSC towards faithful performance of the Work Order obligation, and performance of the services during Work Order period. In case of poor and unsatisfactory field services, the GCSC shall invoke the PBG.
- 6.3 The Performance Guarantee shall be valid for a period of 1 years beyond Work Order period and shall be denominated in Indian Rupees and shall be in the form of an unconditional Bank Guarantee issued by any Public Sector Banks or by IDBI Bank, UTI Bank, HDFC Bank, ICICI Bank having branch in Ahmedabad in the format provided by GCSC and should be submitted within 15 days of issuance of Letter of Award and prior to the execution of the Work Order.
- 6.4 The Performance Bank Guarantee shall be submitted by GCSC and returned to the bidder 30 days from the date of expiry of the Performance Bank Guarantee.
- 6.5 EMD of the successful Bidder will be refunded within 30 days from the date of submission of PBG.

- 7. The Tenderer shall bear all costs associated with the preparation and submission of the Bid/Tender and the GCSC shall in no case be responsible for those costs, regardless of the conduct or outcome of the tendering process.

- 8. **Method of submission of Tender documents:** Tender documents submitted without the requisite EMD and tender fee shall not be considered for evaluation and shall be rejected out rightly.

**9. Amendment of Bidding Tender documents:**

- 9.1 At any time, prior to the deadline for the submission of tenders, the GCSC, for any reason, whether at its own initiative or in response to the clarifications requested by prospective Tenderers, may modify the Tender documents by amendment, and notify accordingly.
- 9.2 All such amendments/corrigenda/modifications shall be binding on the Tenderers.

9.3 In order to allow prospective Tenderers, a reasonable time to take the amendment into account in preparing their bids, the GCSC, at its discretion, may extend the deadline for the submission of Tenders.

**10.** While submitting the tender for this work, the Tenderers shall be **deemed to have read, understood and accepted** all the terms and conditions stated in the Tender documents

**11. Non-transferability:** This tender is non-transferable.

**12. Validity of tender:** Tender shall be kept valid, without any change in prices and rates, for acceptance by GCSC for a period of 90 days after the tender opening date. GCSC reserves the right to accept or reject any bid without assigning any reasons whatsoever.

**13. Contacting GCSC:**

12.1 The Tenderer shall not approach the GCSC officers beyond office hours and/ or outside the GCSC office premises from the time of the Tender opening to the time the Work Order is awarded.

12.2 Any effort by a Tenderer to influence the GCSC officers in the decisions on Tender evaluation, Tender comparison or Work Order award may result in rejection of the Tenderer's offer. If the Tenderer wishes to bring additional information to the notice of the GCSC, it should do so in writing.

**14. Time Schedule:** The specified work has to be completed within Eight weeks from the date of supply of complete inform from GCSC.

**15. Payment Schedule:**

Payment will be made to the agency on the completion of work as per the satisfaction that the required services have been provided by the agency.

**16. Warranty:** Comprehensive Warranty of the Ride will be two years on site on the supplied materials by the agency. For other old parts agency will be responsible to submit quote and supply and fixed the materials to ride and repair. Whole responsibility of the Ride will be on the vendor for at least two years to keep it in working condition.

**Important Note:** Tenderers are requested to note that they have to send their Technical Bid to GCSC in physical form only at the following addresses:

**Place of submission of Tender documents:**

<b>For Technical &amp; Financial Bid</b>
To <b>Executive Director</b> Gujarat Council of Science City Science City Road, Ahmedabad - 380060 Tele: 079-29703122

**(4) MINIMUM ELIGIBILITY CRITERIA**

<b>Sr. No.</b>	<b>Item</b>	<b>Criteria</b>
<b>1</b>	<b>Turnover</b>	Total annual turnover of the agency is minimum <b>Rs. 15 lakh (Rupees Fifteen Lakh only)</b> in the last three years ending 31 <sup>st</sup> March 2018. (To be supported by certificate from CA with balance sheets of the respective year)
<b>2</b>	<b>Single work order</b>	Bidder should submit single work order for similar work like Automation Control System/hydraulic and pneumatic motion control rides or amusement rides of amounting to not less than <b>Rs. 6 lakh (Rupees Six Lakh only)</b> of reputed client within the last 5 years.
<b>3</b>	<b>Experience &amp; Certification</b>	Company/Partnership registration certificate is essential criteria. Experience in Simulation Ride/Amusement Ride or Automation control system work of similar nature of <b>not less than 2 years</b> and should be substantiated by the authority concerned.
<b>4</b>	<b>GST No.</b>	Certification is essential criteria
<b>5</b>	<b>PAN number</b>	Certification is essential criteria [Valid up to March 2020]
<b>6</b>	<b>Company Registration Certificate</b>	Certification is essential criteria



## **(5) METHOD OF SUBMISSION OF e-TENDER DOCUMENTS**

1. The Bidder is required to submit the Technical Bid in the following manner:
  - (a) **Technical Bid:** Unconditional acceptance certificate of GCSC's tender conditions in its entirety duly signed by the bidder. This acceptance letter shall be submitted in this sealed cover along with Earnest Money Deposit and Tender Fee.

Technical bid shall be put in this envelope, super scribed as 'Technical Bid' (duly signed and stamped on each page by the tenderer). All supporting Tender documents for the bid shall be placed in this cover. The name of the bidder and its address, contact details should also be mentioned on this envelope.

Technical Bid should be submitted by physical to Science City Office be super scribed as – “**e-Tender for repairing Earth Quake Simulator Ride Work at Gujarat Science City, Ahmedabad**” along with the name, contact numbers and address of the Agency. It should be sent through Speed Post or Courier.

- (b) **Price Bid:** Bidders shall submit Financial Proposal for the proposed Project as per the format given in <https://www.nprocure.com>

While submitting the Financial Proposal, the Bidder shall ensure the following:

- (1) All the costs associated with the assignment shall be included in the Financial Proposal.
- (2) The Financial Proposal shall take into account all expenses and inclusive of applicable taxes.

2. Corrections or over writing, if any, must be signed and stamped by the tenderer.
3. **Opening of Tenders by GCSC:** Tenders/Bids will be opened in the presence of Tenderer's representatives, who choose to attend. The Tenderer's representatives who are present shall sign a register evidencing their attendance.
4. At the stipulated time of opening, Technical Bid shall be opened first. The offers/bids from those tenderers who are unable to unconditionally accept GCSC's tender conditions or who fail to deposit the required EMD & Tender Fee shall be rejected. Thereafter, the technical bids of all those tenderers who have unconditionally accepted GCSC's tender conditions and deposited the requisite EMD & Tender Fee shall be opened and evaluated. The Financial Bid of only technically qualified tenderers shall be opened online.
5. Once the tenderer has given unconditional acceptance certificate to GCSC's tender conditions in its entirety, it shall not be permitted to put any remarks/conditions (except unconditional rebate on quoted rates).
6. In case the conditions mentioned above are found violated after opening the Technical Bid, the tender of such tenderer shall be summarily rejected. Further, in such a case, GCSC shall, without prejudice to any other remedy, be at liberty to forfeit the full Earnest Money Deposit.

## **(6) Criteria for the Award of Work Order**

1. At the stipulated time of opening, cover No.1 shall be opened first. The offers/bids from those tenderers who are unable to unconditionally accept GCSC's tender conditions or who fail to deposit the required EMD & Tender Fee shall be rejected. Thereafter, the technical bids will be evaluated. All those tenderers who have unconditionally accepted GCSC's tender conditions and deposited the requisite EMD. The Financial Bid of only technically qualified tenderers shall be opened.
2. The envelopes marked "Technical Proposal" shall be opened first. Financial Proposal shall be open online at a later stage.
3. GCSC reserves the right to reject any Proposal which is non-responsive and no request for alteration, modification, substitution or withdrawal shall be entertained by GCSC in respect of such Proposals.

3.1 In the first stage Technical Proposal there will be evaluated on the basis of Minimum Eligibility Criteria. This is a pass/fail type evaluation and no marks in evaluation are awarded. In the second stage, the Technical Proposal will be evaluated on the basis of Bidder's understanding of Technical Specification, proposed methodology and Work Plan as per Annexures and the experience of Work. Only those Bidders who are successfully submitted all documents shall qualify for opening financial bid.

### **3.3 Evaluation of Financial Proposal**

The tenderers who will quote lowest offer after fulfilling all technical document can be considered as lowest bidder.

#### **4. Notification of Award/Order**

4.1 The acceptance of a tender, subject to signing of the Work Order, shall be communicated in writing at the address supplied by the Bidder in the Bid. Any change of address of the Bidder should, therefore, be promptly notified to the GCSC.

4.2 The successful bidder shall be engaged by the GCSC to execute the work and provide services as per the scope of this tender documents

#### **5. Signing of the repairing Earth Quake Simulator Ride Work order:**

Prior to expiration of the period of Bid Validity, GCSC will notify the selected Bidder/Tenderer and issue LoA (Letter of Award) to the Selected Bidder and the Selected Bidder shall be required to sign work order for the **repairing Earth Quake Simulator Ride Work**, as proof having the agreed with the scope of work within fifteen days of the Award of the work or within such extended period, as may be specified by GCSC. The Performance Bank Guarantee has to be submitted within fifteen (15) working days of receipt of work order.

#### **6. Commencement of Assignment**

The selected Bidder shall commence the Services within 7 (seven) days of the date of the signing work order or such other date as may be mutually agreed. If the selected Bidder fails to either sign the work order or commence the assignment as specified herein, the GCSC may invite the second ranked Bidder (H2). In such an event, the EMD of the first ranked Bidder (H1) shall be forfeited and appropriated.

**(7) TECHNICAL DETAILS**  
**SPECIFICATION OF CONTROL SYSTEM FOR EARTH QUAKE SIMULATION**  
**RIDE**

Repairing and installation of controlling system to simulate very realistic earthquake motion in all three axes on platform recreated living room with 20 visitors seating inside. The system will have following Specifications:

1. The system shall simulate P Wave, S Wave, Rayleigh Wave and Love Wave with low frequency movement in the range of 5-10 Hz.
2. The system consist of a repairing and installing of control system with Scada software to control all the Hydraulic cylinders having servo valve with linear variable displacement transducer.
3. System will have controls for all pneumatic cylinders, automatic gate locking, bridge control, Television and audio system controlling with earthquake simulations and lighting effects as per the visual and shaking effect.
4. System will have programmable logic controller of Fatek/Siemens/Schneider make with all modules and National Instrument Scada Software to view all the operations running in real time.
5. A series of Earth Quakes, as per the Script of Earth Quake Simulator Ride will be stimulated through plc system and cylinder moments can be viewed on monitor screen.
6. The system shall provide an audio-visual program synchronized with the simulated earthquake sounds, building break up, human voices crying for assistance, breaking glass, etc.
7. System should trigger all the audio and visual effects on different displays synchronized with simulation effects.
8. Programming and movement of the ride will be as per old storyline provided by GCSC.
9. Final movement, positioning and synchronization will be inspected and approved by Science City Official.

**TECHNICAL DETAILS:**

Following are the hardware which will be used in system:

1. PLC system having Module no: - FBs-40MC (Make: - Fatek, made in Taiwan or Siemens/Schneider)

**TECHNICAL DESCRIPTION:** A PLC based control unit along with input output modules will be housed inside control panel. A PC, having Operator Interface Program, will communicate the PLC through communication Bus. PLC, having control logic, will communicate with moog servo valve and will provide data for the position of all 4 hydraulic cylinders and will also provide signals to pneumatic cylinders along with lighting effects as per the script. The communication between PLC, Servo valves, Pneumatics cylinders and all other controls of lights will be done through SCADA software (Licensed Version) which will be installed in computer.

2. Digital output extension Module no:- FBs-16Y (Make:- Fatek, made in Taiwan or Siemens/Schneider)

**TECHNICAL DESCRIPTION:** It is 16 point Extension module used for controlling outputs and it is connect to PLC system. It operates at 24vdc and has relay switching.

3. Analog input extension Module no:- FBs-B4AD (Make:- Fatek, made in Taiwan or Siemens/Schneider)

**TECHNICAL DESCRIPTION:**

Analog Input Total Channels: 4 Channels

Resolution: 12 bits

Coding Format: 14 bits ( 0 ~ 16380 )

Signal Resolution: 2.44mV(Voltage), 4.88uA(Current)

Registers Occupied: 4 Registers ( D4072 ~ D4075 )

Conversion Time: Updated each scan

Accuracy:  $\pm 1$  %

Max. Absolute Input Rating :  $\pm 15$ V(Voltage), 30mA(Current)

Input Impedance: 100K $\Omega$ (Voltage), 125 $\Omega$ (Current)

Measurement Range: 0 ~ 10V(Voltage) 0 ~ 20mA(Current)

Indicator(s): No

Internal Power Consumption: 5V, 100mA (Max. Load)

Operating Temperature: 0 ~ 60 °C

Storage Temperature: -20 ~ 80 °C

This module will be connected to LVDT transducer which is attached to hydraulic cylinders. This module will provide the data for current position of cylinder which is required by system to give signals to servo valves.

4. Analog Output extension Module no:-FBs-4DA (Make: - Fatek, made in Taiwan or Siemens/Schneider)

**TECHNICAL DESCRIPTION:**

Total Channels :4(4DA)

Channels Resolution : 14 bit

Signal Resolution :0.3mV(Voltage), 0.61uA(Current)

I/O Points Occupied : 4(4DA) RO(Output Register)

Conversion Time : Updated each scan

Accuracy : ±1 %

Max. & Min. OP load:

Voltage Output- 500~1MΩ

Current Output- 0~500Ω

Output Range : -10~+10V, -5~+5V, 0~10V, 0~5V

-20~+20mA, -10~+10mA, 0~20mA, 0~10mA

Isolation : Transformer(Power) and photo-coupler Indicator(s) : 5V PWR LED

External Power :24V-15%/+20%, 120mA(4DA)

Operating Temp : 0 ~ 60 °C

Storage Temp : -20 ~ 80 °C

This module will be connected to servo valves which control hydraulic cylinders. This module will provide the data to servo valve to up/down the cylinder moments. It is bidirectional so it can work in both positive and negative voltage range.

5. Intel I3 Computer System:

**TECHNICAL DESCRIPTION:**

OPERATING SYSTEM: WINDOW 7 PROFESSIONAL (license version)

PROCESSOR: Intel Core i3

6. Relay Cards and Power Supplies:

**TECHNICAL DESCRIPTION:** Industrial relays cards of 24vdc operated will be used for switching of different output controls. Industrial power supply for PLC and other control device as per requirement.

7. Software that will be used:

Following Software should be used in system to make the simulator working

I. Window 7 professional Operating system (License version)

II. National Instrument SCADA software (License version) for controlling and viewing operation in plc system. It will show the current positions of hydraulic

cylinders and all other inputs and outputs of system. Ride operator can control and view using this system.

III. Software to be made which will be used to controller videos in 2 side wall television display for start/stop of video in both displays.

### Scope of Work

1. Checking all the wiring and connections using panel diagram with actual conditions.
2. Hydraulic system is currently in not working condition and hence to be checked with all the connections of wires and contactors for providing electrical supply to hydraulic power pack and to start the power pack. Checking all pneumatic cylinders and connections also.
3. After the system is made in working state, start making simulation of the ride as scripted in the document and program all the movements of hydraulic and pneumatic cylinders accordingly.
4. After the scripted simulation is done, remote start at the entry of ride and other testing functions to be checked and to be implemented.
5. After completing the entire work, testing of Simulator movement with Audio, Video and other effect synchronization to be implemented.
6. After the installation of program file the same should be synchronized perfectly with the simulations and as per the satisfaction of GCSC officials.
7. The vendor should also supply back up of the Program file.
8. The Program file should be perfectly synchronized with existing Earth Quake Simulator Ride
9. Comprehensive Warranty of the Ride will be two years on site on the supplied materials by the agency. For other old parts agency will be responsible to submit quote and supply and fixed the materials to ride and repair. Whole responsibility of the Ride will be on the vendor for at least two years to keep it in working condition.

## COVER LETTER

To,  
The Executive Director  
Gujarat Council of Science City  
Sola-Science City Road,  
Ahmedabad  
Dated:

Subject: **Repairing of Earth Quake Simulator Ride in Planet Earth Pavilion**

Dear Sir,

With reference to your Tender dated \_\_\_\_\_, I/we, having examined the tender document and understood its contents, hereby submit our proposal for the same

The technical and financial proposals are unconditional and unqualified.

All information provided in the proposal and in the Appendices is true and correct and all Tender documents' accompanying such proposal is true copies of their respective originals.

This statement is made for the express purpose of appointment as the Agencies for the aforesaid Project.

I/ We shall make available to GCSC any additional information it may find necessary or required to supplement or authenticate the proposal.

I/ We acknowledge the right of GCSC to reject our proposal without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.

I/ We certify that in the last 3 (three) years, we or any of our Associates or Consortium Partner have neither failed to perform on any Work Order, as evidenced by imposition of a penalty or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or Work Order by any public authority nor have had any Work Order terminated for breach on our part.

I/ We declare that:

I/ We have examined and have no reservations to the Tender documents, including any Pre-Bid Clarifications & Addendum issued by GCSC.

I/ We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in Tender documents, in respect of any tender issued by or any agreement entered into with GCSC or any other public sector enterprise or any government, Central and State

We understand that you may cancel the Selection Process at any time and that you are neither bound to accept any Proposal that you may receive nor to select the Agencies, without incurring any liability to the Bidders.

We believe that we satisfy the Conditions of Eligibility and meet the requirements as specified in the Tender documents and are qualified to submit proposal in accordance with the provisions of the Tender documents

We certify that we shall have no claim, right or title arising out of any Tender documents or information provided to us by GCSC or in respect of any matter arising out of or concerning or relating to the Selection Process including the award of Consultancy.

We,------(Bidder's name) herewith enclose the Financial Proposal as Annexure VIII for selection of my/our firm/ the Consortium as Agencies.

We agree and undertake to abide by all the terms and conditions of the Tender documents

We will not prepare or create any improper communication design which is not befitting to the stature of Gujarat Science City.

In witness thereof, we submit this Proposal under and in accordance with the terms of the Tender documents

Yours faithfully,

Director  
(Signature, name and designation of the of the Authorized signatory) (Name and stamp of Bidder)



**AUTHORISED SIGNATORY**

Ref. Date:

The Executive Director  
Gujarat Council of Science City  
Ahmedabad

Dear Sir,

**Sub: Engagement of agency for repairing Earth Quake Simulator Ride in Planet Earth Pavilion**

We hereby confirm that we, the Bidder, satisfy the terms and conditions laid down in the Tender documents

We have agreed that (insert individual's name) will act as our Authorized Representative and has been duly authorized to submit our Proposal. Further, the authorized Representative is vested with requisite powers to furnish such proposal and all other Tender documents, information or communication and authenticate the same.

Yours faithfully,

Director  
(Signature, name and designation of the authorized signatory)

**DETAILS OF BIDDER**

a) Name:

Date of Incorporation/Commencement:

Brief Description of Company (with PAN No. And GST No:) including details of its main line of Business

Our core expertise lies in Public Relation and Corporate Communications

List of Directors:

Details of Individual who will serve as the point of contact/communication to Client:

Name:

b) Designation:

Company:

Address:

Telephone No:

Email Address:

Fax Number:

Name:

b)Designation:

Address

Telephone No.:

Email Address:

Fax No:

(Bidder should submit Current Annual Report & attested copy of Certificate of Incorporation by

**(8) Annexure-I**

**Format for Performance Bank Guarantee  
(To be stamped in accordance with the Stamps Act)**

Ref:

Bank Guarantee No.

Date:

To

**Executive Director**

Gujarat Council of Science City  
Science City Road,  
Ahmedabad - 380060  
Tele: 079-29703122

Dear Sir,

In consideration of the Gujarat Council of Science City (hereinafter referred to as the ‘Owner’ which expression shall unless repugnant to the context or meaning thereof include its successors-in-interest) having awarded to M/s.

.....  
..... having Principal Office at

..... (hereinafter referred to as the ‘Work Orderor’ which expression shall unless repugnant to the context or meaning thereof include its respective successors, administrators, executors and assigns) the Work Order for **Repairing Earth Quake Simulator Ride in Planet Earth Pavilion** at the Science City, Ahmedabad by issue of Letter of Award/Work Order No..... Dated ..... issued by the Authorised Official for and on behalf of the Owner and the same having been accepted by the Work Orderor resulting into Work Order for Services as mentioned in the said Letter of Award/Work Order and the Work Orderor having agreed to provide a Work Order Performance Guarantee for faithful performance of the aforementioned Work Order and warranty quality to the Owner,

\_\_\_\_\_ having Head Office at (hereinafter referred to as the ‘Bank’ which expression shall, unless repugnant to the context or meaning thereof include successors, administrators, executors and assigns) do hereby guarantee to undertake to pay the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) to the Owner on demand at any time up to \_\_\_\_\_ without any reference to the Work Orderor.

We undertake to pay you, upon your first written demand declaring the Work Orderor to be in default under the Work Order and without any cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. Any such demand made by the Owner on the Bank shall be conclusive and binding notwithstanding any dispute or difference between the Owner and Work Orderor pending before any Court, Tribunals, Arbitrator or any other authority. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the Owner and further agrees that the guarantee herein contained shall continue to be enforceable till the Owner discharges this Guarantee. The Owner shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance by the Work Orderor of the aforementioned Work Order. The Owner shall have the fullest liberty, without

affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which it might have against the Work Orderor, and to exercise the same at any time in any manner, and either to enforce or forebear to enforce any covenants contained or implied, in the aforementioned Work Order between the Owner and the Work Orderor or any other course of or remedy or security available to the Owner. The Bank shall not be released of its obligations under these presents by any exercise by the Owner of its liability with reference to the matters aforesaid or any of them or by reason of any other acts of omission or commission on the part of the Owner or any other indulgence shown by the Owner or by any other matter or things. The Bank also agrees that the Owner at its option shall be entitled to enforce this guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the Work Orderor and notwithstanding any security or other guarantee that the Owner may have in relation to the Work Orderor's liabilities. The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorised and has full power to execute this Guarantee for and on behalf of the Bank. Notwithstanding anything contained hereinabove our liability under this Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) and it shall remain in force up to and including \_\_\_\_\_ and shall be extended from time to time for such period as may be desired by the Work Orderor on whose behalf this guarantee has been given.

Dated at \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_YYYY.  
\_\_\_\_\_

Signed and delivered by \_\_\_\_\_

For & on Behalf of

Name of the Bank & Branch & Its official

Address

Seal:

## **(9) General Conditions of Work Order**

### **1. General Provisions**

#### **1.1. Definitions**

Unless the context otherwise requires, the following terms whenever used in this Work Order have the following meanings:

- a. "Applicable Law" means the laws and any other instruments having the force of law in the Government of India, as they may be issued and in force from time to time;
- b. "Work Order" means the Work Order signed by the Parties, to which these General Conditions of Work Order (GC) are attached, together with all the Tender documents listed in Clause 1 of such signed Work Order;
- c. "Work Order Price" means the price to be paid for the performance of the Services, in accordance with Clause 6;
- d. "foreign currency" means any currency other than the currency of the Government of India;
- e. "GC" means these General Conditions of Work Order;
- f. "Government" means the Government of the Client's country;
- g. "local currency" means the currency of the Government of India;
- h. "Member", in case the Agencies consist of a joint venture of more than one entity, means any of these entities; "Members" means all these entities, and "Member in Charge" means the entity specified in the TENDER DOCUMENTS to act on their behalf in exercising all the Agencies' rights and obligations towards the Client under this Work Order,
- i. "Party" means the Client or Agencies, as the case may be, and "Parties" means all three of them;
- j. "Personnel" means persons hired by the Agencies or by any Sub Agencies as employees and assigned to the performance of the Services or any part thereof;
- k. "Services" means the work to be performed by the Agencies pursuant to this Work Order, as described in Annexure I; and
- l. "Effective Date" means the date on which the work order is signed by the bidder

#### **1.2. Law Governing the Work Order**

This Work Order, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

#### **1.3. Language -**

This Work Order has been executed in the language specified in the Tender documents, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Work Order.

#### **1.4. Notices**

Any notice, request, or consent made pursuant to this Work Order shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the Tender documents

#### **1.5. Location**

The Services shall be performed at GCSC / at any other such locations as suggested by GCSC.

#### **1.6. Authorized Representatives**

Any action required or permitted to be taken, and any Tender documents required or permitted to be executed, under this Work Order by the GCSC or the Agencies may be taken or executed by the officials specified from time to time.

#### **1.7. Taxes and Duties**

Unless otherwise specified in the TENDER DOCUMENTS, the Agencies and their Personnel shall pay such taxes, duties, fees, and other impositions as may be levied under the Applicable Law, the amount of which is deemed to have been included in the Work Order Price.

#### **2.1 Commencement, Completion, Modification, and Termination of Work Order**

##### **2.2 Effectiveness of Work Order**

This Work Order shall come into effect on the date the Work Order is signed by the Parties (Effective Date).

##### **2.3. Commencement of Services**

The Agencies shall begin carrying out the Services seven (7) days after the date the Work Order becomes effective, or at such other date as may be specified in the TENDER DOCUMENTS

##### **2.4. Expiration of Work Order**

Unless terminated earlier pursuant to as tender document, this Work Order shall terminate at the end of such time period after the Effective Date as is specified in the TENDER DOCUMENTS

##### **2.5. Modification**

Modification of the terms and conditions of this Work Order, including any modification of the scope of the Services or of the Work Order Price, may only be made by written agreement between the Parties.

##### **2.6. Force Majeure**

For the purposes of this Work Order, "Force Majeure" means an event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Work Order impossible or so impractical as to be considered impossible under the circumstances.

## 2.7 No Breach of Work Order

The failure of a Party to fulfil any of its obligations under the Work Order shall not be considered to be a breach of, or default under, this Work Order insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Work Order, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

## 2.8. Extension of Time

GCSC may extend the Work Order for the equal time period on the basis of work satisfaction.

## 2.9 Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Agencies shall be entitled to continue to be paid under the terms of this Work Order during such period for the purposes of the Services and in reactivating the Service after the end of such period.

## **3.0 Termination**

### 3.1. By the Client

The Client may terminate this Work Order, by not less than thirty (30) days' written notice of termination to the Agencies, to be given after the occurrence of any of the events specified in paragraphs (a) through (e) of this Clause 2.6.1:

- a. if the Agencies do not remedy a failure in the performance of their obligations under the Work Order, within fifteen (15) days after being notified or within any further period as the Client may have subsequently approved in writing;
- b. if the Agencies become insolvent or bankrupt;
- c. if, as the result of Force Majeure, the Agencies are unable to perform a material portion of the Services for a period of not less than Sixty (60) days;  
or
- d. if the Agencies, in the judgment of the client has engaged in corrupt or fraudulent practices in competing for or in executing the Work Order. For the purpose of this clause: "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the selection process or in Work Order execution. "fraudulent practice" means a misrepresentation of facts in order to influence a selection process or the execution of a Work Order to the detriment of the Borrower, and includes collusive practice among Agencies (prior to or after submission of proposals) designed to establish prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.
- e. If the Client, in its sole discretion, decides to terminate this Work Order.

### 3.2. By the Agencies

The Agencies may terminate this Work Order, by not less than Thirty (30) days' written notice to the Client, such notice to be given after the occurrence of any of the events specified in paragraphs (a) and (b) of this Clause 2.6.2:

- a. if the Client fails to pay any monies due to the Agencies pursuant to this Work Order and not subject to dispute pursuant to Clause 7 within thirty (30) days after receiving written notice from the Agencies that such payment is overdue; or
- b. if, as the result of Force Majeure, the Agencies is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

### 3.3. Payment upon Termination

Upon termination of this Work Order, the Client shall make the following payments to the Agencies:

Lump sum Consultancy fee up to that phase for Services satisfactorily performed prior to the effective date of termination;

### **3.4 Obligations of the Agencies**

#### **3.5 General**

The Agencies shall perform the Services and carry out their obligations with all due diligence, efficiency, and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe methods. The Agencies shall always act, in respect of any matter relating to this Work Order or to the Services, as faithful advisers to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with Sub Agencies or third parties.

#### **3.6 Conflict of Interests**

3.7. Agencies Not to Benefit from Commissions, Discounts, etc.

The Consultancy Fee of the Agencies shall constitute the Agencies sole remuneration in connection with this Work Order or the Services, and the Agencies shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Work Order or to the Services or in the discharge of their obligations under the Work Order, and the Agencies shall use their best efforts to ensure that the Personnel, any Sub Agencies, and agents of either of them similarly shall not receive any such additional remuneration.

#### **3.8. Agencies and Affiliates Not to Be Otherwise Interested in Project**

The Agencies agree that, during the term of this Work Order and after its termination, the Agencies and their affiliates, as well as any Sub Agencies and any of its affiliates, shall be



disqualified from providing goods, works, or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

### **3.9. Prohibition of Conflicting Activities**

The Agency or the Personnel shall engage, either directly or indirectly, in any business during the term of this Work Order, in

- a. any business or professional activities in the Government of India which would conflict with the activities assigned to them under this Work Order; or
- b. After the termination of this Work Order, such other activities as may be specified in the SC.

### **4.0. Confidentiality**

The Agencies, their Sub Agencies, and the Personnel of either of them shall not, either during the term or within two (2) years after the expiration of this Work Order, disclose any proprietary or confidential information relating to the Project, the Services, this Work Order, or the Client's business or operations without the prior written consent of the Client.

### **4.1. Insurance to Be Taken Out by the Agencies**

The Agencies (a) shall take out and maintain, and shall cause any Sub Agencies to take out and maintain, at their (or the Sub Agencies, as the case may be) own cost but on terms and conditions approved by the Client, insurance against the risks, and for the coverage, as shall be specified in the TENDER DOCUMENTS; and (b) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums have been paid.

### **4.2. Agencies Actions Requiring Client's Prior Approval**

The Agencies shall obtain the Client's prior approval in writing before taking any of the following actions:

- a. entering into a sub Work Order for the performance of any part of the Services,
- b. appointing such members of the Personnel not listed by name in Annexure VI ("Key Personnel")
- c. any other action that may be specified in the TENDER DOCUMENTS

### **4.3 Reporting Obligations**

The Agencies shall submit to the Client the reports and Tender documents specified in on a periodic basis as per the requirements of the client.

### **4.4 Tender documents Prepared by the Agencies to Be the Property of the Client**

All plans, drawings, specifications, designs, reports, and other Tender documents and software submitted by the Agencies in accordance with Clause 3.6 shall become and remain the property of the Client, and the Agencies shall, not later than upon termination or expiration of this Work Order, deliver all such Tender documents and software to the Client, together with a detailed inventory thereof. The Agencies may retain a copy of such Tender documents and software. Restrictions about the future use of these Tender documents, if any, shall be specified in the Tender documents.

#### **4.5 Agencies Personnel**

#### **4.6 Description of Personnel**

The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Agencies Key Personnel are described in Annexure VI.

#### **4.7 Services and Facilities**

The Client shall make available to the Agencies the Services and Facilities as required by them for fulfilling the deliverables.

#### **4.8 Payments to the Agencies**

#### **4.9 Work Order Price**

The price is payable in local currency.

#### **5.0 Payment for Additional Services**

For the purpose of determining the remuneration due for additional services as may be agreed under tender documents.

#### **5.1 Terms and Conditions of Payment**

Payments will be made to the account of the Agencies and according to the payment schedule stated in the TENDER DOCUMENTS Unless otherwise stated in the TENDER DOCUMENTS, the first payment shall be made against the provision by the Agencies of a bank guarantee for the same amount, and shall be valid for the period stated in the TENDER DOCUMENTS Any other payment shall be made after the conditions listed in the TENDER DOCUMENTS for such payment have been met, and the Agencies have submitted an invoice to the Client specifying the amount due.

#### **5.2 Interest on Delayed Payments**

If the Client has delayed payments beyond fifteen (15) days after the due date stated in the e-TENDER DOCUMENTS, No interest shall be paid to the Agencies.

#### **5.3 Settlement of Disputes**

#### **5.4 Amicable Settlement**

The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Work Order or its interpretation.

#### **5.5 Dispute Settlement**

Any dispute between the Parties as to matters arising pursuant to this Work Order that cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be submitted by either Party for settlement in accordance with the provisions specified in the e-TENDER DOCUMENTS.

**Tender Notice No. /GCSC/E&M/2019/**

**Tender documents**  
*for*  
**Repairing Earth Quake Simulator Ride**  
*at*  
**Gujarat Council of Science City, Ahmedabad**



**Financial Proposal**

**Science City, Ahmedabad invites  
Tender  
from**

**Experienced Agencies for  
Repairing Earth Quake Simulator Ride  
(Technical as per document and Financial Proposals)**

**at  
Gujarat Council of Science City  
Science City Road, Ahmedabad – 380 060**

**Tel: 079-29703122, Email: [scityahmedabad@gmail.com](mailto:scityahmedabad@gmail.com)**

**(10) FINANCIAL PROPOSAL**

(On the same format)

**Repairing of Earth Quake Simulator Ride in Planet Earth Pavilion** at Gujarat Science City as per specification mentioned above and BOQ mentioned below:

1. PLC system having Module no:- FBs-40MC (Make:- of Fatek/Siemens/Schneider)
2. Digital output extension Module no:- FBs-16Y (Make:- of Fatek/Siemens/Schneider)
3. Analog input extension Module no:- FBs-B4AD (Make:- of Fatek/Siemens/Schneider)
4. Analog Output extension Module no:-FBs-4DA (Make:- of Fatek/Siemens/Schneider)
5. Intel I3 Computer System
6. Relay Cards and Power Supplies
7. Software:- Window 7 professional Operating system(License version)  
National Instrument SCADA software with license.

Sr. No	Description	Amount
1	<b>Repairing Earth Quake Simulator Ride in Planet Earth Pavilion with Comprehensive Warranty</b> of the Ride will be two years on site on the supplied materials by the agency. For other old parts agency will be responsible to submit quote and supply and fixed the materials to ride and repair. Whole responsibility of the Ride will be on the vendor for at least two years to keep it in working condition.	

**PRICE BID SHALL NOT BE PLACED IN ANY OF THE COVERS, AS IT HAS TO BE FILLED ONLINE AS PER THE WEBSITE AND FORMAT OF (n)-Procure in website <https://www.nprocure.com>**

Note:

The Financial Proposal is inclusive of all out pocket expenses which may be incurred towards travel, accommodation, Tender documentation and communication, during the period of assignment.

The Financial Proposal is inclusive of all taxes i.e. GST

In case of difference in amount quoted in figures and words, the value in words shall be considered for evaluation

Signature of authorized representative of the Bidder

Seal of Firm

XXXX-----END-----XXXX