

Office of the Project Director
Establishment of Bangabandhu Sheikh Mujibur Rahman Novotheatre, Rajshahi
Bangabandhu Sheikh Mujibur Rahman Novotheatre, Bijoy Sarani, Tejgaon, Dhaka 1215, Bangladesh

Ref: 39.39.05.0000.000.14.013.18-35

Date: 06 May,2018

REQUEST FOR EXPRESSION OF INTEREST (EOI)

1	Ministry/ Division	Ministry of Science and Technology
2	Agency	Bangabandhu Sheikh Mujibur Rahman Novotheatre.
3	Name of Procuring Entity	Project Director, Establishment of Bangabandhu Sheikh Mujibur Rahman Novotheatre, Rajshahi
4	Procuring Entity District	Dhaka
5	Expression of Interest for	Selection of Consulting Firm for Preparation of Tender documents, specification, architectural and structural drawing, design, layout and plan of planetarium instruments system with digital projection 5D Simulation theatre, digital and scientific exhibits, models, robots , Telescope , Computerised Automatic Ticketing and Security System and others.
6	EOI Ref No.:	39.39.05.0000.000.14.013.18-35
7	Date (dd/mm/yy)	06.05.2018
KEY INFORMATION		
8	Procurement Sub Method	Quality and Cost Based Selection (QCBS)
FUNDING INFORMATION		
9	Budget & Source of Funds	Government of Bangladesh (GoB)
PARTICULAR INFORMATION		
10	Project Code	5084
11	Project Name	Establishment of Bangabandhu Sheikh Mujibur Rahman Novotheatre, Rajshahi.
12	EOI Closing Date & Time & Place	31.05.2018 at 3.00 pm (BST) are Bangabandhu Sheikh Mujibur Rahman Novotheatre, Bijoy Sarani, Tejgaon, Dhaka 1215.
13	EOI opening Date, Time & Place	31.05.2018 at 3.30 pm (BST) are Bangabandhu Sheikh Mujibur Rahman Novotheatre, Bijoy Sarani, Tejgaon, Dhaka 1215.
INFORMATION FOR APPLICANT		
14	Brief Description of Services	<p>a) To prepare tender documents and specifications of Planetarium instrument systems with digital projection, 5-D simulation theatre, telescope, scientific & digital exhibits, models and robots.</p> <p>b) To prepare the architectural and structural drawing, design, layout and plan of the Planetarium, 5-D simulation theatre, scientific & digital exhibits, telescopes, models, robots and computerized automatic ticketing system and security system and other edutainment items.</p> <p>c) To prepare design for interior decoration of Planetarium and simulation theatre, exhibits, telescope and all other areas.</p> <p>d) To help TEC in evaluating the technical specifications if necessary.</p> <p>e) To monitor the task of the supplier and contractor of building and for setting up of the planetarium, simulation theatre, telescope and exhibits to the Novotheatre.</p> <p>f) To provide the guidelines and advice for identifying the space for each exhibit and other items to be installed in Novotheatre area.</p> <p>g) To prepare report about the matching or non-matching of supplied exhibits and instrument systems as per technical specifications.</p> <p>h) To submit a report to Project Director confirming whether the civil, EM, Construction work of the Novotheatre building have been completed in compliance with technical specifications.</p> <p>i) To monitor the task of setting up the Novotheatre exhibits and instrument system to the appropriate location.</p> <p>j) To supervise the installation of the exhibits, machineries and equipment for smooth operation of the planetarium instrument system</p> <p>k) Other related works/services as per instruction of the Project Director.</p>
15	Experience, Resource & Delivery Capacity Required	The Consulting Firm should have 02 (Two) International Consultant. Composition of personnel in the consulting firm and experience of the person in relevant field are available in the website www.novotheatre.gov.bd
16	Special Terms & Condition	The Consulting firm must have at least one expert for 3D design and animation.
17	Other details	<ul style="list-style-type: none"> • Interested Firms are invited to provide information and procedural documents indicating that they are competent to deliver the services by providing brochures, description of similar assignment, experience in similar operating conditions, availability of appropriate professional qualification, evidence of necessary documents for formation of JVCA and experience among staffs, up to date- trade license, VAT, Income tax clearance certificate, company registration etc. • The Procuring entity reserves the right to accept or reject any of the EOI at any stage without showing any cause. • All payments will be made in Bangladesh Currency (BDT).
PROCURING ENTITY DETAILS		
18	Name of the Official Inviting EOI	Md. Tahimidul Islam
19	Designation of the Official Inviting EOI	Project Director.
20	Address of the Official Inviting EOI	Establishment of Bangabandhu Sheikh Mujibur Rahman Novotheatre, Rajshahi Bangabandhu Sheikh Mujibur Rahman Novotheatre, Bijoy Sarani, Tejgaon, Dhaka 1215, Bangladesh
21	Contact Details of the Official Inviting EOI	Phone: +88-02-48112220, Fax: +88-02-913006,

Sd/

Md. Tahimidul Islam

Project Director(Joint Secretary)

Establishment of Bangabandhu Sheikh Mujibur Rahman Novotheatre, Rajshahi

TOR of the Consulting Firm:

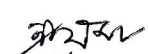
The state of the art tilted dome planetarium building with space theatre, 5D Simulation theatre as well as digital and scientific exhibits, models, robots and edutainment objects are to be procured under this project are highly technical and based on advanced technology. Therefore in preparing proper specifications of the tilted dome planetarium with digital projection system combining space for scientific and digital exhibits, 5D Simulation theatre, Telescope, models, robots etc. are to be considered and to prepare the technical specifications of the planetarium instrument system, scientific and digital exhibits, telescope, models, robots Computerised Automatic Ticketing and Security System etc. expertise services from consultants should be taken by appointing proper consulting firm having expert personnel experienced in the relevant fields and **international experience.**

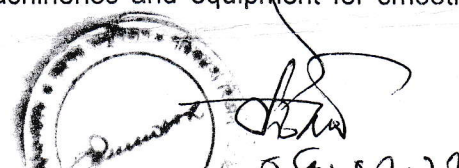
Requirements of Responsibilities:

The following service will be offered by the consultant:

1. To prepare tender documents and specifications of Planetarium instrument systems with digital projection, 5-D simulation theatre, telescope, scientific & digital exhibits, models and robots.
2. To prepare the architectural and structural drawing, design, layout and plan of the Planetarium, 5-D simulation theatre, scientific & digital exhibits, telescopes, models, robots and computerised automatic ticketing system and security system and other edutainment items.
3. To prepare design for interior decoration of Planetarium and simulation theatre, exhibits, telescope and all other areas.
4. To help TEC in evaluating the technical specifications if necessary.
5. To monitor the task of the supplier and contractor of building and for setting up of the planetarium, simulation theatre, telescope and exhibits to the novotheatre.
6. To provide the guidelines and advice for identifying the space for each exhibit and other items to be installed in Novotheatre area.
7. To prepare report about the matching or non-matching of supplied exhibits and instrument systems as per technical specifications.
8. To submit a report to Project Director confirming whether the civil, EM, Construction work of the Novotheatre building have been completed in compliance with technical specifications.
9. To monitor the task of setting up the novotheatre exhibits and instrument system to the appropriate location.
10. To supervise the installation of the exhibits, machineries and equipment for smooth operation of the planetarium instrument systems.


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Composition of personnel in the consulting firm:

1. Planetarium and Simulation Theatre Consultant (International)

a. Qualification:

He/She Should have at least Bachelor Degree and He/She Should be the Fellow of the International Planetarium Society.

b. Experience:

He/She Should have experience of at least 25 years in related field. He/She Should have minimum 15 years of experience in detail consultancy for Planetarium and Simulation Theatre in which He/she shall be the team leader of minimum 30 new and renovated planetariums.

2. Exhibits and Telescope Consultant (International)

Qualification:

He/She Should have at least Bachelor/ Master's Degree and Ph.D. in any Science subject.

a. Experience:

He/She Should have experience of at least 25 years in related field. He/She Should have minimum experience of 15 years as Scientific Officer to Chief Executive of any well known Science center. He must have some publication and worked as consultant in Science center.

3. Senior Architecture Engineer

a. Qualification:

He/She Should have at least Bachelor of Architecture/ Master of Architecture Degree.
* At least one degree from abroad will be preferred.

b. Experience:

He/She Should have experience of at least 12 years in related field. He/She Should have minimum 5 years of experience in abroad.

4. Architecture Engineer

a. Qualification:

He/She Should have at least Bachelor of Architecture Degree from any recognized university and member of IAB and ArcAAB.

b. Experience:

He/She Should have experience of at least 10 years in related field.
* Experience in designing planetarium (tilted dome structure) will be preferred].

5. Civil Engineer (Structural)

a. Qualification:

He/She Should have at least Bachelor of Civil Engineering/ Master of Civil Engineering (Structure) Degree, at least one degree from abroad will be preferred.

b. Experience:

He/She Should have experience of at least 12 years in related field. He/She Should have minimum 5 years of experience in abroad as Civil Engineer (Structural).

6. Interior Designer

a. Qualification:

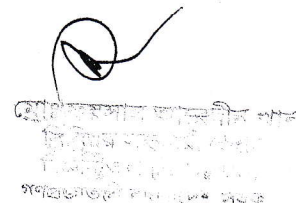
He/She Should have at least Bachelor of Engineering Degree from any recognized university with specialisation in Interior Designing.

b. Experience:

He/She Should have experience of at least 12 years in related field. He/She Should have minimum experience of at least 5 years as Interior Designer.



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7. Senior Electrical and Electronics Engineer

a. Qualification:

He/She Should have at least Bachelor/ Master of Electrical and Electronics Engineering, and Ph.D. At least two degree from abroad will be preferred.

b. Experience:

He/She Should have experience of at least 10 years in related field.

8. Electrical and Electronics Engineer

a. Qualification:

He/She Should have at least Bachelor of Electrical and Electronics Engineering Degree from any recognized university.

b. Experience:

He/She Should have experience of at least 12 years in related field.

9. Geotechnical and Environment Engineering Specialist

a. Qualification:

He/She Should have at least Bachelor of Civil Engineering/ Master of Civil Engineering/ Doctorate of Engineering Degree (Filed of Remote sensing and Geographical information system (GIS) for Disaster Management) and at least two degree from abroad will be preferred.

b. Experience:

He/She Should have experience of at least 12 years in related field. He/She Should have minimum experience of 5 years as consultant in aboard.

10. Senior Mechanical Engineer

a. Qualification:

He/She Should have at least Bachelor of Mechanical Engineering/ Master of Mechanical Engineering Degree and at least one degree from abroad will be preferred.

b. Experience:

He/She Should have experience of at least 10 years in related field. He/She Should have minimum experience of 5 years as consultant.

11. Two Mechanical Engineer

a. Qualification:

He/She Should have at least Bachelor of Mechanical Engineering Degree from any recognized university.

b. Experience:

He/She Should have experience of at least 10 years in related field. He/She Should have minimum experience of 5 years as consultant and with specialization in audio and video system.


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