

SCHOOL OF PLANNING & ARCHITECTURE
BHOPAL

Bhopal - 462030

Expression of Interest

for

**Development of Harappan Knowledge Centre
(Exhibits/Interpretation Centre) at Rakhigarhi, Haryana**



SCHOOL OF PLANNING & ARCHITECTURE BHOPAL

Director
School of Planning & Architecture Bhopal
Bhauri, Bhopal
Madhya Pradesh-462030

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Instructions to Applicants for Submission of Technical and Financial Proposal

Proposal Timeline for Online Submission		
Sl No	Name of Event	Date and Time
1	Please create one folder with the company name, containing two folders - “Technical Proposal and Financial Proposal”	Date for Online Registration for Applicants: 10 May 2024.
2	<p>The Technical Folder should contain complete technical proposal and other relevant documents justifying the requirements as per details mentioned in the technical evaluation criteria.</p> <p>The Financial Folder should consist of the financial proposal and all other documents, to justify the details as mentioned for financial evaluation.</p> <p>The folders submitted online should be password protected, and should only be shared to the qualified professional during the financial opening.</p> <p>The folders containing technical and financial folders - should be compressed as a “Zip” file, and should be emailed duly to director@spabhopal.ac.in.</p>	Last Date for Online Registration: 30 May 2024.
3	<p>A non-refundable processing fee of Rs 5000 is to be paid and payment receipts have to be emailed to director@spab.ac.in</p> <p style="text-align: center;">Account Number : 4725201000021 Account Holder Name: SPAB R and D IFSC: CNRB0004725 Branch: Bhauri Bhopal Bank: Canara Bank</p>	
Proposal Timeline for Hard Copy Submission		
1	<p>The hardcopy of the “Technical Proposal” and “Financial Proposal” should be inserted in separate packets, and inserted into a larger packet.</p> <p>The packet should contain the proof of payment of the non-refundable processing fee.</p> <p>This packet should be couriered to the following address:</p> <p>Director, School of Planning and Architecture Bhopal Neelbad Road, Bhauri, Bhopal - 462030</p>	Hardcopy to be reached at SPA Bhopal on or before: 09 June 2024.

Critical Dates		
1	<p>Clarification of Pre-Bid Queries: Any queries may be communicated through email, addressed to director@spabhopal.ac.in. The same, or any other queries shall be discussed in a Pre-Bid online meeting, to be held at Director's Office, School of Planning & Architecture Bhopal, Bhauri, Bhopal - Madhya Pradesh.</p> <p>Queries only from registered applicants shall be addressed. The online meeting link shall be communicated to the registered applicants.</p>	Date of Pre-Bid Queries Meeting: 20 May.2024 till 04:00 pm.
2	Opening of Technical Proposal	20 June 2024
3	<p>Technical Presentation by Applicants at SPA Bhopal The qualified applications (refer to Section 5 for more details), shall present the concept and fulfilment of the requirements as desired through this expression of interest (EoI), in the given space, as per the scope of work defined.</p>	28 June 2024
4	Opening of Financial Proposal of Qualified Applications: Refer Section 6 for more details.	29 June 2024 at 10:00 am.
5	Declaration of Result	29 June 2024 at 03:00 pm.

1.0 **Introduction**

The Harappan Knowledge Centre, Rakhigarhi is proposed to disseminate knowledge related to Harappan Civilization, which is one the world's earliest civilizations, its origins, innovations, secrets and breakthrough research.

The centre shall be located in Rakhigarhi, Haryana-125039. Rakhigarhi being the largest Harappan site, yet to be completely unearthed and explored.

The experience at this centre shall aid in comprehending and redefining the civilizational knowledge and scientific advancements achieved by India in this field. The centre shall disseminate the highly advanced architecture, arts, utilitarian items, available raw materials, and trade of that time period. This knowledge is crucial to establish the history of humankind. The centre aims to create awareness towards protection and preservation of Harappan Sites in India.

2. **Concept and Content Development for Harappan Knowledge Centre, Rakhigarhi (HKCR)**

The concept and content for the development of HKCR is proposed to be focussed on themes related to its parallel history in world civilization, cultural history, technological advancement achieved, and breakthrough research at Rakhigarhi. These themes have to be translated into four zones of the proposed museum. The detailing is as under:-

ZONE 1 - Introduction of Harappan Civilization & Rakhigarhi

The Audio-Visual Room at the HKCR will visually communicate visitors by , by recreating the environment through captivating documentaries, animation and immersive films on the Harappan Civilization. The goal of the audio-visual room shall be to introduce Rakhigarhi site, along with its findings and research

Themes to be covered:

1. Trade Connects (Maritime/ Hinterland/ International)
2. Activities of the Harappan people.
3. Burial customs and rituals
4. Craft

Expected Outcomes:

Documentary, Animation, and Films based on the themes mentioned above.

ZONE 2 - Cultural History

This zone shall showcase the cultural history of Harappans. The section shall portray life through interpretation of its societal structure, cities, craft, burial customs and subsistence. This zone shall communicate through displays and immersive exhibits through the themes as mentioned below.

Themes to be covered:

- History of the discovery, terminology, cultural timeline, etc. of the Harappan Culture.
- Extents and Important Harappan settlements
- Life in the Harappan cities, towns and villages
- Crafts and Technologies
- Various domestic activities
- Subsistence of the Harappans
- Hinterland and International Trade
- Burial customs
- Decline of the Harappan civilization

Expected Outcome

Narratives, Display and Immersive Exhibits

ZONE 3 - TECHNOLOGICAL ADVANCEMENTS

This zone shall showcase the technological advancements of Harappans. The section shall portray the technological processes, through exploration of material culture, skills and urbanisation trajectories. This zone shall communicate Harappan knowledge, its continuity and relevance to modern society.

Themes

- Development of technologies to produce various crafts like pottery, stone beads, terracotta arts, etc.
- Development of metallurgy- copper and bronze
- Development of health sciences- yoga and meditation
- Unique town planning, including unique drainage pattern
- Water harvesting and management
- Development of measuring and weighing system
- Dockyard and boat-building techniques
- Textile and jewellery.

ZONE 4 - RAKHIGARHI AND ITS CONTRIBUTION

Through immersive exhibits and informative displays, the research at this zone shall provide experience of the paradigm shift achieved in understanding Harappan civilization which is reshaping the prehistory of India through the findings at Rakhigarhi.

Themes:

- Largest Harappan city
- DNA analysis
- Craniofacial Reconstruction
- Cultural transition and continuity
- Continuity in appearance
- Craft manufacture

3. Scope of Work

The scope of work shall include research, developing engaging environments, dissemination and providing information about in and about Harappan civilization through following requirements.

3.1 Content creation & Conceptualization for a permanent exhibit and interpretation centre. All details mentioned in Section 2.

3.2 Layout and Spatial Configuration:

As per 3.1., the layout and spatial configuration shall be designed, determining the arrangement of exhibition areas, galleries, interactive zones, information desks, seating areas and other necessary facilities. HKCR shall maintain efficient flow and accessibility for visitors while maintaining a cohesive and engaging environment. The plans, images of spaces and layouts are as below.

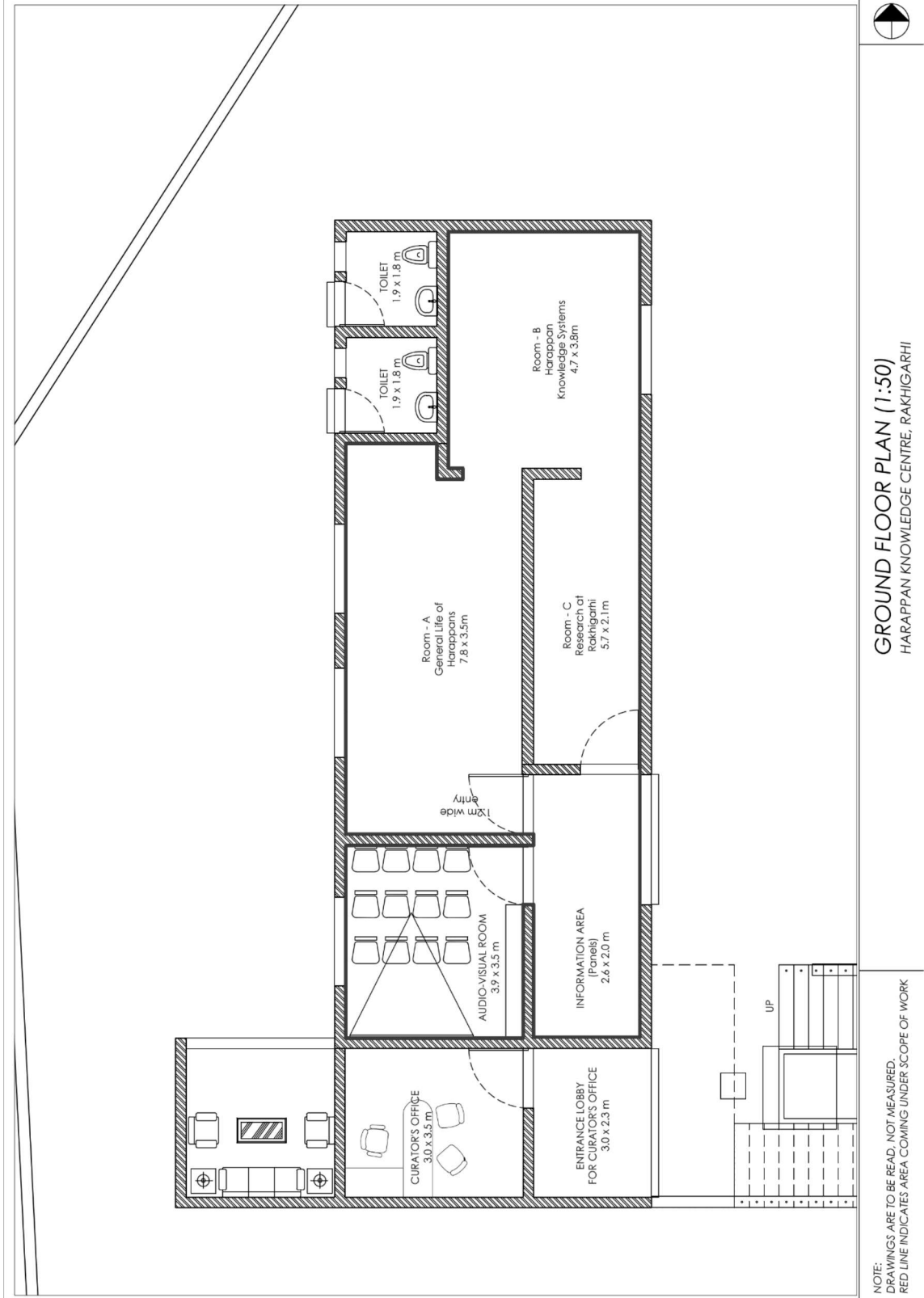
Images of Space and Layouts



Photograph of Building



*Google Map location showing Site at Rakhigarhi, Haryana “Village Knowledge Centre”
Geo-Coordinates: 29.21121494437659, 76.17898019817032*



GROUND FLOOR PLAN (1:50)
 HARAPPAN KNOWLEDGE CENTRE, RAKHIGARHI

NOTE:
 DRAWINGS ARE TO BE READ, NOT MEASURED.
 RED LINE INDICATES AREA COMING UNDER SCOPE OF WORK

3.3 **Exhibits development, Design and Installation**

Collaborate with exhibition designers and curators to create visually captivating and informative displays. Determine the placement of artefacts, artwork, and interactive exhibits within the gallery space. Consider factors such as lighting, display cases, signage, and multimedia elements to enhance the visitor experience and convey the narrative of Harappan knowledge effectively using various materials such as vinyl print, MS framework, Plyboard / MDF / ACP, Scale model in Plastic / Sunboard / Fiber, Glass work, LED panel, Audio System and Graphical 3D sets for display of exhibits.

3.4 **Audiovisual and Multimedia Integration:**

Incorporate audiovisual and multimedia elements to enhance the visitor experience. This may include interactive touch screens, audio guides, video presentations, and immersive audiovisual installations. Plan the integration of technology within the museum space, ensuring seamless functionality and user-friendly interfaces.

3.5 **Lighting Design:**

Develop a comprehensive lighting plan that highlights the exhibits, creates ambiance, and ensures optimal viewing conditions. Incorporate a combination of natural and artificial lighting techniques to enhance the visual impact of the displays while preserving the integrity and longevity of sensitive artefacts.

3.6 **Place of Execution:**

The work shall be executed at the site designated as the Harappan Knowledge Centre, Rakhigarhi, Haryana.

4. **Pre-qualification Criteria**

Each eligible applicant should possess the following pre-qualification criteria. Responses not meeting the minimum pre-qualification criteria will be rejected and will not be evaluated.

Essential qualification for applicants are as under:

4.1 The applicant should have a firm/company registered under Indian Law. Registration Certificate, and copy of certificate regarding non-black listing of Firm by any other Government institutions, and autonomous body, should be provided.

4.2 The project head should be an Exhibit Designer/Archaeologist/Applied Art/Museologist/Museum Architecture with a minimum experience of 5 years.

4.3 The applicant should have minimum **07**-year experience in conceptualization / planning / content development / designing / curatorial work as well as execution of works for Museum / Heritage and cultural Interpretation Gallery etc. at National/International/State level.

4.4 They should have completed at least two such projects with Central / State Govt. Only completed works will be considered for experience. Attach documents related to experience or completion, for consideration.

4.5 **Financial:** - The applicant shall submit should have:-

- a. Pan/GST registration (Certificate should be attached)

- b. Annual average turnover at least 1 Cr in the last 03 years ending March 2024.
- c. Annual turnover certificate issued by CA, for the prescribed financial period.(Last 3 Financial Years in a single certificate).

4.6 **Earnest Money Deposit:-** The applicant is required to submit Earnest Money Deposit in the form DD or online remittance (i.e., Electronic payment or UPI) from any of the Commercial Bank in favour of the Director, SPA Bhopal amounting to Rs.1,60,000/- (Rupees One Lakh Sixty Thousand Only) to the following account number.

- i. Account Number : 4725201000021
- ii. Account Holder Name: SPAB R and D
- iii. IFSC: CNRB0004725
- iv. Branch: Bhauri Bhopal
- v. Bank: Canara Bank

5. EOI Qualifying Criteria

The following should be strictly complied with, failing which the EOI will be rejected:

5.1 The EOI document has to be submitted on due date or Hard copy should reach SPA Bhopal on due date i e 09 June 2024

5.2 EOI should be complete in all aspects covering the entire scope of job/ supply and should conform to the technical requirements indicated in the EOI document, duly supported with technical documentation/ literature, wherever applicable. Incomplete and non-conforming EOI will be rejected outright.

5.3 Experience: The applicant should satisfy the technical evaluation along with documentary evidence, which should be enclosed along with the EOI.

6 **QCBS Evaluation Methodology**

6.1 All EOI accepted after considering the section 5 shall be invited for offline technical presentations.

6.2 The evaluation will be based on Quality cum Cost Based Selection (QCBS) where the weightage for the 'Technical Proposal' is 70 (seventy) and the weightage for the 'Financial Proposal' price is 30 (Thirty)

6.3 **Technical Evaluation Criteria:**

The marks allocated against various sub-sections under 'Technical Evaluation' of Bid shall be as hereunder:

Sr. No.	Parameters	Marking Criteria	Max. Marks
01	Organisational Existence: - Organization/ Individual having minimum 7 years of existence/ experience.	Existence: - 1. Till 7 Year 5 marks. 2. Above 7 years for every block of 3 year 2 marks up to maximum 5 marks	10
02	Experience: - Project experience related to	1. Up to 2 projects : 5 Marks	20

	Museum / Gallery or similar projects (Successfully completed with Govt. organisation).	2. For every additional project 5 marks each. (Max.15 Marks)	
03	Turn Over: - Marks will be Provided on the basis of financial strength of the organisation. (Minimum average turnover of Rs. 1 Cr Lakh in last 3 financial Year ending March 2024)	<ol style="list-style-type: none"> 1. For Av. Turn over from the last three years up to 1 Cr – 5 Marks 2. For Av. Turn Over between 1 Cr to 3 Cr– 7 Marks 3. For Av. Turn Over above 3 Cr – 10 Marks 	10
04	Project Team:- marks will be provided on the basis of experience of team members of organisation	<ol style="list-style-type: none"> 1. Project Consultant :- For relevant experience. 0-5 year = 2 marks 5+ Years = 3 marks 2. Architect / Content Developer having relevant experience 0-5 Years = 0 marks 5-6 Years = 2 marks 6+ Years = 4 marks 3. Exhibit Designer / Graphic Designer having relevant experience. 0-3 Years = 0 marks 3-5 Years = 2 Marks 5+ Years = 3 Marks 4. Archaeologist having relevant experience. 0-3 Years = 0 Marks 3-5 Years = 2 Marks More than 5 Years = 3 Marks 6. Museologist having relevant experience. 3 Years or less = 0 Marks 3-5 Years = 2 Marks More than 5 Years = 3 Marks 7. Anthropologist having relevant experience. 3 Years or less = 0 Marks 3-5 Years = 2 Marks More than 5 Years = 3 Marks 8. AR/VR Specialist and Visual Artists. 3 Years or less = 0 Marks 3-5 Years = 2 Marks More than 5 Years = 3 Marks 	20

05	Presentation by the organisation:	<ol style="list-style-type: none"> 1. Brief introduction about organisation 2. Past experience on preparation of centrally/ state funded projects. 3. Specialised team and their expertise for conceptualization & planning of Museum/Gallery or similar projects. 4. Approach & Methodology for showcasing Harappan knowledge and culture 	40
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6.4 All applicants have to score technically minimum 70 marks to qualify for further QCBS evaluation as per below QCBS methodology.

6.5 The financial proposal will be opened of only those applicants who qualify technically (Minimum qualifying marks:70)

6.6 The EoI meeting the minimum qualifying marks shall be called ‘Qualified EoI’ and shall be eligible for financial evaluation of the EoI.

6.6 Financial Evaluation Criteria:

The applicant shall submit their financial bid in the below format:

Sr.No.	Description	Total cost Including GST
01	Design, development & installation for scope of work as specified in Section 3	Rs 80 Lakhs

6.8 To ascertain the Inter-se-ranking of the EoI, the Quality & Cost Based Selection (QCBS) methodology as mentioned below shall be adopted:

a. An Evaluated EoI Score will be calculated for each EoI, which meets the minimum Qualifying marks of 70 (seventy) in ‘Technical Evaluation’ Criteria, using the following formula in order to have a comprehensive assessment of the Technical Proposal and the Financial Proposal:

b. Evaluation methodology is given below:

- Composite Technical Score = T(s)
- $T(s) = [(Applicant's\ Technical\ Score\ as\ per\ evaluation\ criteria)/100] \times 100$
- Composite Financial Score = F(s)
- $F(s) = [(Lowest\ cost\ among\ applicants)/\ Cost\ quoted\ by\ applicant] \times 100$

Total Score = 0.70 x T(s) + 0.30 x F(s)

c. The applicant with the overall highest ‘Total Score’ will be awarded with the work

If there is more than one technical-qualified applicant then, the agency which **scores maximum marks in QCBS (70T:30F)** would be considered for the award of the job. In the unlikely event of a tie-in price quote between two agencies (price of the applicants being the same), the price quote

of the applicant which secured the highest number of points in the technical round will be considered for award of the job.

7. Period of completion of work

The selected applicant has to complete the work within **90 days** from the date of issue of the letter of award. Failure of which will lead to a deduction of liquidated damages at the rate of 2% of the contract amount per week. Maximum liquidated damages would be 10% of the contract amount and thereafter, the award will be deemed to be cancelled.

8. Payment Term & Timeline: -

The payment of total contract amount will be paid to the selected applicant upon certification of the completed work satisfactorily as per the following payment schedule:-

Sr. No.	Percentage (%) of the total contract amount	Period of Payment
01	20% of total contract amount	Within 15 days of approval of drawings and proposal for execution.
02	55% of total contract amount	Within 30 days after completion of work satisfactorily
03	15% of total contract amount	After 45 days of 1 st instalment of payment
04	10% of total contract amount	After 90 days towards full and final payment.

9. Other Terms and Conditions:

9.1 The Earnest Money deposited is liable to be forfeited if the applicant withdraws/amends/impairs/derogates from the tender in any respect within the period of validity of his/her EOI. No interest shall be payable on the Earnest Money deposited by the applicant.

9.2 Exemptions in Earnest Money Deposits will be considered if the applicants are operating as an MSME, or any other conditions as per Government of India rules and regulations on the matter.

9.3 The EMD of the successful applicants shall be returned after the Performance Security Deposit of amount Rs. 2,40,000/- is furnished by the applicant. If the successful applicant fails to furnish the Performance Security Deposit as required in the contract within the stipulated period. The Earnest Money (EM) shall be liable to be forfeited by the School of Planning & Architecture Bhopal. The Bank Guarantee, in the case of submission, should be in favour of the Director, School of Planning & Architecture Bhopal.

9.4 The School of Planning & Architecture Bhopal may, at its discretion, extend the deadline for submission of EOI, which will be notified accordingly.

9.5 School of Planning & Architecture Bhopal reserves the right to accept or reject EOI, and to annul complete process and reject all EOIs at any time prior to award of contract, without thereby incurring any liability to the affected applicant/s any obligation and inform the affected applicant/s.

9.6 If any dispute or difference arises whatsoever between School of Planning & Architecture Bhopal, and the applicants in connection with or arising out of the EOI, the decision of the competent authority of School of Planning and Architecture Bhopal will be final.

9.7 All statutory deductions like GST, Income Tax will be deducted from the payment.

9.8 In case of any dispute, the jurisdiction shall be in Bhopal.