

Expression of Interest

Selection of Consultancy Firm

For development of an Astro-tourism Project in Bihar

Department of Science & Technology,
Govt of Bihar.

FILE NO : (Wi Pra II WA² -22/2011)

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List of Abbreviations

Abbreviation	Description
GOB	Government of Bihar
DST	Department of Science & Technology
EOI	Expression of Interest
RFP	Request for Proposal

1 Introduction

1.1 Introduction & Issuer

The Department of Science and Technology, Govt. of Bihar, intends to select consultancy firm (“Applicant”) with requisite experience and capabilities in master planning, architecture and conservation for ‘Astro-Tourism Project’ in the state of Bihar and in this regard invites proposals from interested parties (“Applicant”). The qualified agency shall be employed for the duration of the project subject to the performance of the applicant, which shall be monitored by the department. It invites offer from reputed firms in sealed envelope clearly labeled as "**Expression of Interest for Selection of consultancy firm for Astro-Tourism Project in Bihar**".

1.2 Purpose

The Department of Science and Technology, Govt. of Bihar intends to formulate an “Astro-Tourism Project” to preserve and develop the historical locations associated with renowned Astronomer and Mathematician the “Aryabhata” namely Khagaul, Taregana (Masaudhi) and Taregana Top. The three locations which were the centers for all astronomical studies conducted by Aryabhata are mutually thirty(30) kilometers from each other (the approximate aerial distance from each other forms nearly an equilateral triangle).

The state Government intends to develop the three locations so as to serve as tourist attraction as well as provide adequate exposition to the life, working and contributions of “Aryabhata” in the field of Mathematics and Astronomy. The three centers would showcase of various concepts theories and models formed by Aryabhata in the form of interactive demonstration centre (mini museum) and one of the locations will be equipped with facilities and latest equipments to facilitate further studies and repository in the field of astronomy.

The objective of the document is to provide indicative information on the project and the scope of work of the DST. The detailed scope of work, terms and conditions and parameters for selection of the applicant will be provided in the Request for Proposal. This will be provided to only those firms shortlisted as per the selection parameters provided in this EOI.

1.3 Price of EOI

The EOI document is available at of cost of Rs. 2,000 in form of a Demand Draft from any scheduled bank, payable at Patna in favor of Project Director, Bihar council on science and

technology payable at Patna. The soft copy may be downloaded from the department website: <http://www.dst.bih.nic.in/NoticeBoard> the bidders are required to submit the EOI cost in the form of a demand draft of Rs.2,000 issued from a scheduled commercial bank along with the EOI.

1.4 Critical Information

- 1) Applicants are advised to study this EOI document carefully before submitting their proposals in response to the EOI Notice. Submission of a proposal in response to this notice shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.
- 2) Applicants are requested to attend a pre-proposal conference as per details provided below.

Table 1 – Critical Information regarding Bidding

Sl. No.	Information	Details
1	EOI No. and Date	File no Wi Pra II WA ² -01/2011 Dated 7 th September 2012.
2	Last date for submission of written queries for clarifications	14 th September 2012
3	Date of pre-proposal conference	21 st September 2012
4	Release of response to clarification on http://www.dst.bih.nic.in/NoticeBoard	26 th September 2012
5	Cost of the EOI Document in the form of Demand Draft	Rs. 2,000/-
6	Last date (deadline) for submission of Bids	5 th October 2012; 15:00hours
7	Opening of Responses	5 th October 2012 15:30 hours
8	Contact Person for queries	Sri Neel Kamal Bihar Council on Science and Technology Department of Science & Technology Technology Bhawan, Bailey Road Patna Ph-0612 2546598 pd@bcst.org.in
9	Addressee and Address at which proposal in response to EOI notice is to be submitted:	Project Director, Bihar Council on Science and Technology Department of Science & Technology Technology Bhawan, Bailey Road Patna Ph-0612 2546598 , pd@bcst.org.in

2 A brief note on Project

2.1 Background

The Department of Science & Technology, Govt. of Bihar, intends to initiate the process of development of an Astro-tourism circuit consisting of Khagaul, Taregana (Masaudhi) and Taregana Top. These places have significant association with the great astronomer and mathematician of ancient India “Aryabhata” and accordingly have astronomical significance. In order to commemorate this legendary scientist and facilitate modern research in astronomy in Bihar facilities are to be developed in these locations. This initiative will attract tourist to these places and also popularize astronomy among the interested citizens.

The project is to be developed in a manner so as to serve to purpose of historical tourist interest as well as to a resource centers for studies and activities associated with science and Astronomy.

3 INDICATIVE SCOPE OF WORK

The scope of Work of the consultant provided below is indicative and details will be provided in the RFP.

3.1. SCOPE OF WORK :-

Through this RFP DST (Department of science and technology) seeks a range of services broadly categorized in the area of formulation, planning and design of the Astro-tourism project which come under the ambit of DST, Government of Bihar.

EoI is invited from reputed National/International consultancy firms specialized in Planning/Architecture/conservation etc. for conducting field study and later Plan and Design the facilities so proposed in the light of the above requirements and develop a comprehensive detailed project report (DPR) inclusive of building plans, landscaping, plans for development of laboratory and Museums with appropriate provisioning of various equipments and associated instruments. For further details please refer the EoI document.

3.2. OBJECTIVE

The objective of this Consultancy is to formulate and prepare a comprehensive Detailed project report including, but not limited to, conceptual framework of Astro-tourism circuit demonstrating the historical evolution astronomy and mathematics in those places juxtaposed with the celebration of modern scientific achievements, land use plan, layout plan and infrastructure plan for the purpose of firming up the department’s requirements in respect of development and construction of the Project and related facilities. This would enable the prospective bidders to assess the department’s requirements in a clear and predictable manner.

The infrastructure plan would include detailed requirement of urban infrastructure like roads, drainage, sewerage, water supply electrification etc.

The consultant will demonstrate various best practices in development of similar Astro-tourism circuits or similar facility in other parts of the world. It will also propose various options for development of the Astro-tourism project. The cost of such development and construction is expected to be met from revenues generated from various revenue generating activities within the circuit and from Government budgetary support. In doing so the consultant is expected to explore various alternatives for generating revenue from the project to finance development of infrastructure envisaged by the Government. The comprehensive detail project Report would provide:

- (a) Three viable options for the development of the Astro-tourism Project and recommend the most suitable option for such development by the Government;
- (b) Integrated development with the surrounding areas and creation of functional urban infrastructure and an architecturally distinctive area;
- (c) Minimal adverse impact on the local population and on environment; and
- (d) Phased development of the Project for improving its financial viability.
- (e) Conceptual innovation in developing a such an unique project which will demonstrate ancient scientific developments with modern innovations.

3.3. Scope of Services :-

The Services to be performed by the Consultant shall include but not be limited to the following:

- undertake field study in the light of the requirements of the department ;
- verify the available drawings of the site and prepare a base map;
- study the existing site and assess the present and future requirement of space for various developments to be proposed in the plan;
- ascertain and study development plans of surrounding areas which could have a bearing on the Project;
- estimate the additional requirements of infrastructure services/utilities such as roads, drainage, sewerage, water supply, and electrification etc. for the proposed Project;
- prepare a comprehensive detailed project report on development of the site;

- environment & social impact assessment;
- prepare preliminary design and design criteria/ outline specification for development of the area;
- prepare preliminary cost estimates of development and construction as per the Department's requirement; and
- Assist the department in procurement of various goods and services proposed as a component of the DPR;
- Assist the department in project management of the implementation of the Plan.

4. Resource Requirements

Note – The Resource requirements for the DST, GOB provided below is indicative in nature. DST retains the right to modify the Resource requirements and the same will be provided in the RFP that will be provided to the shortlisted consultancy organizations

The Consultancy Team shall consist of the following key personnel (the “**Key Personnel**”) who shall discharge their respective responsibilities. Each of the Key Personnel must fulfill the Conditions of Eligibility specified below :

Key Personnel	Educational Qualification	Length of Professional Experience	Experience on Eligible Assignments
Urban Planner – cum – Team leader	Masters in Urban Planning/ Urban Design	15 years	He/She should have led the urban planning or Comprehensive detailed project report teams for tourism sector project in last seven (7) years.

Architect	Masters in Architecture	15 Years	He/She should have led a team of architects or principal architect for at least three non-residential buildings with an estimated project cost exceeding Rs 100 Crore each in last seven (7) years.
Engineering Expert	Masters/ Bachelor in Civil Engineering	10 years	He/She should have worked as design engineer for at least 5 (five) urban infrastructure projects with an estimated cost exceeding Rs. 50 crore each in last seven(7) years.
Financial Analyst	Post Graduate in Commerce/ Chartered Accountant or equivalent	7 years	He/She should have undertaken financial analysis and modeling for at least 3 (three) projects with a capital expenditure exceeding Rs. 50 (fifty) Crore each in last seven(7) years.
Landscape Architect	Post Graduation in Landscape Architecture	7 Years	He/She should have undertaken Landscape Design for non-residential building projects of which at least 3 (three) projects with a capital expenditure exceeding Rs. 10 (ten) Crore each in last seven (7) years.

Environmental Expert	Masters/ Bachelor in Environmental Science or equivalent	7 years	He should have led the environmental impact assessment teams or worked as a sole expert for at least 3 (three) projects with a capital expenditure exceeding Rs. 50 (fifty) crore each in last seven(7) years.
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5. Payment terms and Conditions

It is proposed to enter into a deliverables based payment with the applicant selected to provide formulation, planning and design Services for the Astro-tourism project for Department of science and technology, Govt. of Bihar.

The details regarding the above will be provided in the RFP.

6. Instructions to Applicants

6.1. Completeness of Response

- 1) Applicants are advised to study all instructions, forms, terms, requirements and other information in the EOI documents carefully. Submission of the EOI shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications.
- 2) The response to this EOI should be full and complete in all respects. Failure to furnish all information required by the EOI documents or submission of a proposal not substantially responsive to the EOI documents in every respect will be at the applicant's risk and may result in rejection of its Proposal.

6.2. Proposal Preparation Costs

- 1) The applicant is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of
- 2) Proposal, in providing any additional information required by DST to facilitate the

evaluation process, and in negotiating a definitive Contract or all such activities related to the bid process. DST will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

- 3) This EOI does not commit DST to award a contract or to engage in negotiations. Further, no reimbursable cost may be incurred in anticipation of award or for preparing this bid.
- 4) All materials submitted by the applicant become the property of DST and may be returned completely at its sole discretion.

6.3. Signing of Communication to the DST

All the communication to DST including this EOI and the other documents shall be signed on each page by the authorized representative of the bidder and authority letter should be attached with the bid.

6.4. Pre-Proposal Conference

- 1) DST shall hold a pre-proposal conference with the prospective bidders on 21st September 2012 at Bihar Niwas Guest House, Near Chankya Cinema ,Chankyapuri, New Delhi-110021; Phone :-91-11-26873072.
- 2) All queries to be raised in the pre-proposal conference will relate to the EOI alone and no queries related to Scope of work of the DST, payment terms and mode of selection will be entertained. These issues will be amply clarified at the RFP stage.
- 3) The Pre –Bid Queries for the Expression of Interest for Short listing of consultancy firm for Astro-tourism project will be submitted in the following format in a excel file

Name of the applicant

Sl. No.	SN	Page #	Section	Sub Section	Description of Terms/headings	Existing Clause	Deviation/ Recommendations

6.5. Applicant's inquiries and DSTs responses

- 1) All enquiries / clarifications from the applicant, related to this EOI, must be directed in writing exclusively to the contact person notified in this EOI document.

- 2) The preferred mode of delivering written questions to the aforementioned contact person would be through mail or email. Telephone calls will not be accepted. In no event will the DST be responsible for ensuring that applicants' inquiries have been received by DST.
- 3) After distribution of the EOI, the contact person notified by DST will begin accepting written questions from the applicants. DST will endeavor to provide a full, complete, accurate, and timely response to all questions. However, DST makes no representation or warranty as to the completeness or accuracy of any neither response, nor does DST undertake to answer all the queries that have been posed by the applicants. The responses to the queries from all bidders will be distributed to all.

6.6. Amendment of EOI Document

- 1) At any time prior to the last date for receipt of bids, DST, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective applicants, modify the EOI Document by an amendment.
- 2) The amendment will be published in the DST website www.dst.bih.nic.in
- 3) In order to afford applicant's, reasonable time in which to take the amendment into account in preparing their proposals, DST may, at its discretion, extend the last date for the receipt of proposals.
- 4) The applicant's are allowed resubmit their proposals- if required, after such amendments.

6.7. Supplemental information to the EOI

If DST deems it appropriate to revise any part of this EOI or to issue additional data to clarify an interpretation of provisions of this EOI, it may issue supplements to this EOI. Any such corrigendum shall be deemed to be incorporated by this reference into this EOI.

6.8. DST's right to modify submission deadline

DST may, in exceptional circumstances and at its discretion, extend the deadline for submission of proposals by issuing a corrigendum published in the DST website www.dst.bih.nic.in in which case all rights and obligations of the project and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

6.9. DST's right to terminate the process

- 1) DST may terminate the EOI process at any time and without assigning any reason. DST makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- 2) This EOI does not constitute an offer by DST. The applicant's participation in this process may result in DST short-listing the bidder to submit a complete technical and financial response to a RFP.

6.10. Submission of Responses

- 1) The applicant should submit their responses in the format given in this document in both printed copies and on a non-rewritable CD as a single file in PDF format media in separate sealed envelopes.
- 2) The CD media must be duly signed using a permanent Pen/Marker and should bear the name of the bidder.
- 3) The hardcopy and softcopy of the Expression of interest should be in a single sealed envelope, clearly marked as "**Expression of Interest for** "Selection of consultancy firm for Astro-tourism project for the state of Bihar.
- 4) The envelope shall indicate the name and address of the bidder to enable the proposal to be returned unopened in case it is declared "late."
- 5) The original proposal shall be prepared in indelible ink. It shall contain no inter-lineation or overwriting, except as necessary to correct errors made by the applicant itself.
- 6) Any such corrections must be initialed by the person (or persons) who sign(s) the proposals.
- 7) All pages of the proposal must be sequentially numbered and shall be initialed by the Authorized Representative of the applicant.

6.11. Proposal Submission Format

The entire proposal shall be strictly as per the format specified in this Expression of Interest and any deviation from the formats shall be rejected.

6.12. Venue and Deadline for submission

- 1) Proposals must be received at the address specified below by 15:00 hours on –5th October 2012

The Project Director

Bihar Council on Science and Technology,
Department of Science and Technology,
Technology Bhawan,
Vishweshraiya Bhawan Campus,
Bailey Road,
Patna – 8000015
Ph-0612 2546598
pd@bcst.org.in

- 2) Any proposal received by the DST after the above deadline shall be rejected and returned unopened to the Bidder.
- 3) The proposal submitted by telex/telegram/ fax/e-mail etc. shall not be considered. No correspondence will be entertained on this matter.
- 4) DST shall not be responsible for any postal delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.
- 5) DST reserves the right to modify and amend any of the above-stipulated condition/criterion depending upon project priorities vis-à-vis urgent commitments.

6.13. Documents Comprising the proposal

The proposals prepared by the applicant shall comprise of all the documents as being asked for as in Performa VII in the annexure.

6.14. Short listing Criteria

- 1) DST will shortlist consulting firm that meet the
Short listing criteria mentioned in the Expression of interest.
- 2) Any attempt by an applicant to influence the bid evaluation process may result in the rejection of the applicant's Bid.

6.15. DST Rights to accept / Reject any or all Proposals

DST reserves the right to accept or reject any proposal, and to annul the short listing process and reject all responses at any time without thereby incurring any liability to the affected applicant or applicants or any obligation to inform the affected applicant or applicants of the grounds for DST's action.

6.16. Formation of Consortium / association with other entities

The applicant for the purpose of this EOI may be any firm or group of firms (called Consortium) offering the services required.

6.17. Evaluation Process

- 1) DST will constitute a Proposal Evaluation Committee under the Chairmanship of Principal Secretary DST, Government of Bihar to evaluate the responses of the bidders to the EOI.
- 2) The Tender Evaluation Committee constituted by the DST shall evaluate the responses to the EOI and all supporting documents / documentary evidence. Inability to submit requisite supporting documents / documentary evidence shall be rejected.
- 3) The decision of the Proposal Evaluation Committee in the evaluation of responses to the Expression of Interest shall be final. No correspondence will be entertained outside the process of negotiation/ discussion with the Committee.
- 4) The Proposal Evaluation Committee may ask for meetings with the consultancy firm to evaluate its suitability for execution of the task for the DST.
- 5) The Proposal Evaluation Committee reserves the right to reject any or all proposals on the basis of any deviations.
- 6) Each of the applicants need to comply with the short listing / pre-qualification criteria as defined in the EOI to qualify for subsequent submission of proposal to the RFP for selection of the DST.
- 7) Each of the responses shall be evaluated to validate compliance of the applicants according to the following criteria as per format and supporting documents mentioned against each clause

6.18. Pre-Qualification Category Criteria

Table 3 – Prequalification Criteria I

Sl. No.	Criterion	Supporting Documents to be submitted
1	The responding Company/firm should have made a payment of Rs. 2,000/- (Rupees Two thousand only) for the EOI document	Proof of payment of Rs 2,000/- DD for Rs. 2,000 (if EOI Document is downloaded) must be furnished.
2	The bidder should be a Company registered under the Companies Act, 1956 or Partnership firm registered under the Partnership Act of 1932.	Copy of Certificate of incorporation and Copy of Service Tax Registration Certificate
3	The bidder should not be blacklisted by any Department of Central Government/ State Government	Self Certification by the bidder /Statement of legal capacity
4	The applicant must have prior experience of at least two projects in master planning, architectural or design work in tourism projects during last seven (7) years. The total consultancy fees received from such one assignment should not be less than Rs. 20,00,000 (Rupees Twenty Lakhs only)	Proof of work-orders/completion certificate to be attached. The receipt of fees shall be certified by the statutory auditor or the tax auditor of the company.

All firms intending to bid for the project of formulating, planning and designing the Astro tourism circuit will have to fulfill the above mentioned Pre-Qualification Criteria –I .

6.18.1 Pre-Qualification Criteria II

- 1) Pre-Qualification criteria with regard to turnover, manpower and experience in consulting assignments of the bidders will be considered to ascertain their eligibility to bid for as well as take up the work.

6.19. Notification of Shortlisting

- 1) DST shall notify by email all consulting organizations that have been shortlisted. This shall also be published in the DST website.
- 2) Only Shortlisted firms will be issued the Request for Proposal

7. Annexure

7.1. Form I: Covering Letter from the Consulting Firm

[On Company Letterhead]

[Location, Date]

To:

The Project Director
Bihar Council on Science and Technology,
Department of Science and Technology,
Technology Bhawan,
Vishweshraiya Bhawan Campus,
Bailey Road,
Patna – 8000015
Ph-0612 2546598
pd@bcst.org.in

Dear Sir,

We, the undersigned, offer to provide the formulating, planning and designing of a Astro-tourism Project in the state of Bihar in accordance with your Expression of Interest dated [Insert Date] and our response.

2) Primary and Secondary contacts for our company are:

	Primary Contact	Secondary Contact
Name:		
Title :		
Company Name:		
Address:		
Phone:		
Mobile:		
Fax: E-mail		

3) We are hereby submitting our Expression of Interest in both printed format and as a soft copy in a CD. We understand you are not bound to accept any Proposal you receive.

4) We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to DST is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the department in its short-listing process.

5) We fully understand and agree to comply that on verification, if any of the information

7.2 Form II: Applicants Details

Form PQ1: Details of the Organization	
Name	
Nature of the legal status in India	
Nature of business in India	
Date of Incorporation	
Date of Commencement of Business	
Address of the Headquarters	
Address of the Registered Office in India	
Other Relevant Information	

7.3 Form III: Financial information

	FY 2009-10	FY 2010-11	FY 2011-12
Turnover (in INR Crores)			

7.4. Form IV: Details on Technical Capacity as on 31st August 2012

Regarding consulting Assignment, provide details regarding –

The name and location of the customer, title of the engagement.

Sl. No	Type & no. of the Consultant /Key Expert.	Designation	Total Work Experience (years and months)	Qualifications	Skills Sets
1					
2					
3					

7.5 Form V: Details of the Consulting Assignments

Sl. No.	Details of the Assignments	Client	Work order Date	Period of Assignment	Value of Assignment (INR)

7.6. From VI: Checklist of Documents to be submitted

Sl. No.	Criterion	Supporting Documents to be submitted	Provided (Y/N)
1.	Covering Letter	Form I	
2.	Bidders Details	Form II	
3	Financial Information	Form III	
4	The responding Company/agency should have made a payment of Rs.- 2,000 (Rupees Two thousand only) for the EOI document	Proof of payment of Rs. 2,000/ DD (if EOI Document is downloaded) must be furnished.	
5	The applicant should be a Company registered under the Companies Act, 1956 or Partnership firm registered under the Partnership Act of 1932	Copy of Certificate of incorporation Copy of certificate of Registration as a partnership firm Copy of Service Tax Registration Certificate	
6	The bidder should not be blacklisted by any Department of Central Government/ State Government	Self Certification by the bidder /Statement of legal capacity	
7	Meeting minimum average Turnover requirement in Average for 3 years	1. Copy of the audited profit and loss account/ balance sheet/ annual report of 2009-10, 2010-11, 2011-12. 2. Form III	
8	Nos of completed Assignments in past 7 years 2005-06 to 2011-12	1. Copies of Purchase Orders of Consultancy Projects along with Client certificates regarding completion of Projects. 2. Form IV	
9	Power of attorney	Power of attorney by the CEO or competent authority or board resolution authorizing the Bidder to sign/execute the proposal as a binding document and also executed all relevant agreements forming part of RFP	