

Government of Andhra Pradesh

Environment, Forest, Science & Technology Dept.

A. P. Secretariat, Building Number: 4-182; Velagapudi, Amaravati - 522 237, Guntur Dt,

Government of Andhra Pradesh (GoAP) has decided to create an ecosystem to establish a Science City comprising of Museums, Research Innovation Centre, and Convention Centre in the state of Andhra Pradesh in Tirupati. In this context the Science City of Andhra Pradesh, a registered society under the Government of Andhra Pradesh, invites Request For Proposal (RFP) to prepare Detailed Project Report for establishment of Science City of Andhra Pradesh in Tirupati, from a highly reputed consulting firm, in sealed envelopes clearly labelled as "Request for Proposal for Preparation of DPR for establishment of Science City of Andhra Pradesh" to above mentioned address.

Department reserves the right to accept or reject any application without assigning any reason whatsoever. The details of the RFP can be downloaded from the website: [www.forests.ap.gov.in](http://www.forests.ap.gov.in) The last date for submission of the RFP is three weeks from the date of publication of the notice up to 3.00 PM.

Sd/- Dr. Krishnarao Appasani  
Vice-Chairman & Chief Executive Officer  
Science City of Andhra Pradesh

# **Request For Proposal**

Government of Andhra Pradesh

Environment, Forest, Science & Technology Dept.

A. P. Secretariat, Building No.: 4-182; Velagapudi, Amaravati - 522 237, Guntur Dt, AP

**Request for Proposal (RFP) to prepare a Detailed Project Report for establishment of Science City of Andhra Pradesh in Tirupati from experienced, well reputed consultants / firms engaged in such type of work.**

**RFP Number: No. APSC/RFP/DPR/2016-17/66 ;**

**Date: February 20, 2017**

---

Andhra Pradesh government has decided to establish a Science City a '*mega science project in the nation*' with support from Government of India. This proposed science museum under Science City project is mapped to transform the '*Tirupati in to future scientific hub*'.

## **I. TERMS OF REFERENCE FOR RFP:**

### **1. Background:**

Science cities are the building blocks to serve as catalyst to foster Innovation. The results are outstanding from science cities built in other developed nations. There are some science cities built in India (Kolkata, New Delhi, Mumbai, Bangalore, Ahmadabad and Jalandhar) for the purpose of promoting science by exhibiting displays in science museum, which are supported by National Council of Science Museum, an autonomous wing of the Ministry of Culture, GoI. The Indian science cities built so far by the Ministry of Culture are encouraging and promoting science & society activities, but do not create a platform for innovation-based education and research.

### **2. Scope of the Work:**

In order to create an '*ecosystem for innovative research*', '*science knowledge dissemination*' and '*generate science-based economic engines*' for growth and knowledgeable workforce, both Government of Andhra Pradesh (GoAP) and Government of India (GoI) has teamed up to build '*Science City of Andhra Pradesh*' in Tirupati / Amaravati, under the initiative of Hon'ble Minister of State for Science & Technology and Earth Sciences, and Hon'ble Chief Minister

of Andhra Pradesh. The science city of AP will be developed in collaboration between GoAP and GoI, additionally, GoAP will assign land.

### **3. Process / Components for DPR Development:**

In the first phase the following listed programs are proposed to be developed. The Detailed Project Report(s) (DPR) are also required to be prepared accordingly.

**PROGRAM I: Science Popularization Program:** In order to create interest in Science and Technology among students from elementary to higher education:

Large unique and world-class Museum will be developed keeping:

(1). Museum of Arts & Sciences (2) Air, Space & Defense Museum (3) Children's Museum (4) Planetarium with an IMAX Theater (5) Media Museum (6) Museum of Transport (7) Museum of Human Evolution & Anthropology (8) Indoor Rain Forest and Bio-diversity Museum with multi-dimensional (3D/4D) Theater.

Each and every museum will be developed in the lines of well-renowned museums in the world symbolizing the seven hills of Tirumala with 7-8 spheres.

**PROGRAM II: Tirupati Convention Center (TCC):** Science City will also consist of Conference Halls for 5,000 people capacity (in the first phase and extendable to 20,000 as need arises) with state-of-the art media & visual technology equipped with multi-dimensional (3D/4D) Theaters.

**PROGRAM I: R&D Incubation Center for Biomedical & Physical Sciences Research:** In order to nurture innovation and develop biomedical research, R&D incubation center will be built with all equipment needed to conduct world-class biomedical research. The overall aim is: *this particular 'science city acts as a hub for inter-disciplinary science & technology, becomes epicenter and create a world-class science ecosystem'.*

## **II. SELECTION PROCESS:**

### **1. Qualifying (minimum eligibility) criteria for the consultants:**

A. The bidder should have proven experience on developing Projects for Science City/Science Parks/Science Museums/Research Centres or other Science Related projects.

- B. The Consultancy firm should have a track record of securing minimum of Rs. 2 crores projects in the past three years.
- C. The consultancy firm should have demonstrated experience in working with Government of India / Government of Andhra Pradesh.

## **2. Process for Submission of RFP:**

Request for Proposal may be submitted by firms who fulfil the above mentioned criteria in two sealed envelopes clearly labelled as “Request for Proposal for Preparation of DPR for establishment of Science City of Andhra Pradesh, to above mentioned address.

### **(A) Technical Packet Should Contain:**

- a. Bid cost (Rs. 5000/-) in form of non-refundable Demand Draft in favour of: *‘Science City of Andhra Pradesh’*.
- b. Profile of the Consultancy firm with three years of experience.
- c. Consultancy firm’s financials for the past three years.
- d. Details of experience for the relevant requirement.
- e. Details of technology to be used for this project.
- f. Supporting documents for fulfilling above mentioned criteria.
- g. Print copy of the presentation made by the bidder.

### **(B) Financial Packet Should Contain:**

- a. Bidder’s offer price for this project (this quote should include all expenditure and taxes).
- b. The consultancy firm will be required to have suitably qualified team with modern facility for above said work within given frame of time and up to the satisfaction of the client.

A pre bid conference will be held after 10 days from the date of publication of this notice at 15.00 hrs (IST) in the office chamber of Vice-Chairman & Chief Executive Officer, Science City of Andhra Pradesh, Velagapudi - Amaravati. The RFP and accompanying documents must be delivered not later than 15.00 hrs (IST) after two weeks from the date of publication of the notice in sealed envelope labelled as: *“Request for Proposal for Preparation of DPR for establishment of Science City of Andhra Pradesh”* to above mentioned address.

### **3. Final Selection:**

The consultant who meets minimum eligibility will be evaluated on the technical expertise on following count:

1. Number of projects prepared on Science City / Science Park / Museum / Innovation centres: 50%
2. Number of projects implemented: 20%
3. Number of projects under process: 20%
4. Any milestones / awards / accreditations achieved: 10%

The bidders will be ranked technically on the above parameters then only lowest quotes will be considered.

#### **DPRs Should Focus on the Following:**

Organization Structure with Human Resources Requirement

Details of Land Requirement (Minimum)

Project Financing Required and Source of Funding

General Plan / Layout & Flow Diagram

Project Costs Associated: - Equipment - Man Power - Building Cost - Other Costs

Administrative Setup (Costs)

Checks & Balances (Monetary Evaluation)

Revenue Model for Viability and Sustainability

Expertise Consultation

Time-Line / Schedule Plan / Project Phasing