



CENTRAL UNIVERSITY OF ANDHRA PRADESH
JNTU Incubation Centre, JNTU Road, Chinmaya Nagar
Ananthapuramu – Andhra Pradesh 515002

Expression of Interest (EOI)
for
Project Management Consultancy Services for the Designing and
Implementation of Smart Campus Network Infrastructure Solutions
Development Models and Maintenance Project at New Campus of
Central University of Andhra Pradesh (CUAP)



EOI Number: CUAP-IT/01/2023

Date : 14-12-2023

Central University Andhra Pradesh
JNTU Incubation Centre JNTU Road, Ananthapuramu - 515002
Andhra Pradesh

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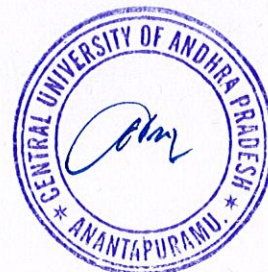
Expression of Interest (EOI)

CUAP invites Expression of Interest (EOI) proposals for selection of consultant for establishment of IT infrastructure solutions, deployment models and maintenance projects at new campus of Central University of Andhra Pradesh (CUAP) from eligible Individuals satisfying the eligibility criteria set out in this document.

The purpose of this Expression of Interest ("EOI") is solely to enable CUAP in defining the technical solution for selection of firms for establishment of IT infrastructure solutions, deployment models and maintenance projects at new campus of Central University of Andhra Pradesh (CUAP). No contractual obligation on behalf of CUAP, whatsoever shall arise from the EOI process. CUAP may modify any / all of the terms of this EOI and shall be entitled to invite Expression of Interest (EOI) from select eligible individuals that they deem fit for this project. The EOI provides a high-level scope of work, Individuals/Companies are advised to study this EOI document carefully before submitting their proposals in response to the EOI.

Note: Submission of a proposal in response to this note shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.

Name of The Institute	Central University of Andhra Pradesh
Name of work	Expression of Interest (EOI) for Project Management Consultancy Services for the Designing and Implementation of Smart Campus Network Infrastructure Solutions Development Models and Maintenance Project at New Campus of Central University of Andhra Pradesh (CUAP)
EOI Uploading Date	14/12/2023, @ 5 P.M.
EOI submission last date	7/01/2024, @ 5 P.M.
Date Time of presentation	Dates will be communicated later to the qualified Individuals
Venue of Presentation	Central University of Andhra Pradesh JNTU Incubation Center, JNTU Road, Chinmaya Nagar Ananthapuramu –515002 Email: arcuap@gmail.com Contact: 9774441642
Validity of offer	90 Days from the date of offer
For any query contact	Email: arcuap@gmail.com Contact: 9774441642



DISCLAIMER

This document has been prepared by Central University of Andhra Pradesh, Ananthapuramu. The information is provided to IT Consultants who are interested to submit their bid for the selection of a Project Management Consultant (PMC) to provide "Project Management Consultancy for the establishment of Smart Campus Network, computing equipment's and ICT (Information and Communication Technology) associated Services in the new CUAP Premises.

The purpose of this EOI document is to provide the bidders with the information to assist the formulation of their proposal. This EOI document does not support to contain all the information that each bidder may require. This EOI document may not be appropriate for all persons/parties and it is not possible for the Institute to consider the business / investment objectives, financial situation and particular needs of each bidder who reads or uses this EOI document.

Each bidder should conduct its own investigation and analysis and should check the accuracy, reliability and completeness of the information in this EOI document and wherever necessary obtain independent advice from appropriate sources. The Institute makes no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the EOI document.

No reimbursement of cost of any type or on any account will be made to persons or entities submitting the EOI/bid document. The organizations/ PSUs at its own responsibility, cost and risk, is encouraged to visit and examine the Site of Works and its surroundings, approach road, soil conditions, investigation report, existing works if any connected to the work, drawings connected to the work if/as available and obtain all information that may be necessary for preparing the EOI/bid and entering into a contract for PMC. The costs of visiting the Site shall be at the Bidder's own expense. It shall be deemed that the bidder has visited the site/area and got fully acquainted with the working conditions and other prevalent conditions and fluctuations thereto whether he actually visits the site/area or not and has taken all the factors into account while quoting his rates and prices. specifications and conditions of the EOI document.



SECTION 1

Central University of Andhra Pradesh, Ananthapuramu is a newly established university under the act of Parliament (15 of 2019) in the state of Andhra Pradesh. Central University of Andhra Pradesh, Anantapur was established in 2018. It is one of the leading universities in Arts Humanities and Social Sciences, Management Studies and Vocational Studies. It is governed by the regulations of Central Universities Act 2009, UGC and Ministry of Education. More than 13 courses are taught in this institution at present. Additional 12 Schools will be started in phased manner.

Thus, Central University of Andhra Pradesh proposes to Establish IT Infrastructure by designing a Smart Campus Network solution which is ahead by at least 10 Years and takes care of all changes happening in the industry. Today's network is a strategic instrument that must be accessible anytime from anywhere simultaneously offering fast, secure, reliable services at scale regardless of location.

The Campus infrastructure solution should be designed on the latest Topology with 10G/40G/100G Backbone taking capacity across the Campus. The 10/40G backbone is between the Distribution Switch and the Core and all Edges are based on legacy based 10/1000 Mbps. The Network design should provide reliable performance when new applications like – Video Conference, VoIP, e-Classroom is required to be installed and used. Further in today's highly Volatile Network requirements wherein there are so many users in a Campus – Laptop, Desktop, Smart Phones, iPads, iPods etc., wherein the User's today are required to use this infra- structure for Video, Voice and various collaborative applications require a high performing, Scalable, Secure wired and wireless infra-structure.

WHO CAN APPLY

Those Central/ State Public Sector Units (PSUs) / IT Consultants registered in India, who possess relevant eligibility as per eligibility criteria for providing PMC services can apply as a sole bidder. No bids shall be acceptable in consortium of companies/individuals.

HOW TO APPLY

Application in respect of EOI shall be sent to the following address:

The Assistant Registrar
Central University of Andhra Pradesh
JNTU Incubation Center, JNTU Road, Chinmaya Nagar Ananthapuramu – 515002
Email: arcuap@gmail.com Contact: 9774441642

The sealed envelope shall bear "EOI for "Project Management Consultancy" for the establishment of Campus Wide Network, Computing Equipment's and ICT (Information and Communication Technology) associated Services at Central University of Andhra Pradesh Ananthapuramu.

Bidder should take into account notifications, corrigendum published, if any on the EOI document before submitting their bids.

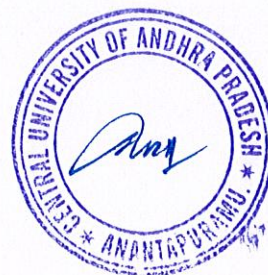
Bidder should go through all EOI documents carefully and must understand the documents required to be submitted as part of the bid. Any deviations from these may lead to rejection of the bid.

Response to EOI

The Response to the EOI should specify following:

Relevant Documents as sought according to Eligibility Criteria

- 1.1. Relevant educational and work experience related certificates
- 1.2. Tentative Budgetary Cost for overall service excluding GST



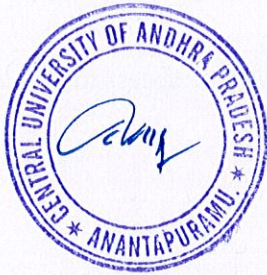
Technical Proposal

- 1.3. Detailed Writeup for proposed Methodology for designing, planning, implementing, operating, maintaining and supporting the said project along with necessary architectural design and drawing.
- 1.4. Tentative Bill of Material (BoM) including summary of active and passive component
- 1.5. Proposal should include High level technical details of proposed Hardware / Software like Wi-Fi Controller, Wi-Fi Access Points, Wi-Fi management software, other related infrastructure etc.
- 1.6. Proposed approach for implementation plan along with necessary architectural diagram proposed time frame for execution of the complete project.

NOTE: All documents submitted by the bidder(s) in their bid proposals shall become the property of the Institute and may be used without making any reference to the bidders

Validity of EOI

The proposal must be valid for a period of at least 90 days from the date of submission. It shall be assumed so, in case it is not explicitly mentioned in the proposal. Proposals will be summarily rejected if they are not valid for at least 90 days.



SECTION – II

The site and network zoning

The project for setting up of ICT Infrastructure at CUAP Ananthapuramu campus has the singular focus of setting up an integrated state-of-the-art facility for managing and sharing digital information. The expectation is for the project to be planned with utmost considerations including checking the failsafe configurations, data restore features and keeping the system up for 24*7*365(99.97%).

Network is to be designed using latest technological trends and is proposed to have a High Speed Backbone, Redundancy in Active-Active Mode, enhance security and Scalability, Centralised management and end to end encrypted traffic, Network service automation, ability to support star, ring, mesh, partial mesh topology connectivity without any complex configuration. The network design should be flexible, simple and expandable for both wired and wireless infrastructure.

Scope of Work/ Services

Central University of Andhra Pradesh Ananthapuramu has a vision of it being a state-of-the art Smart campus with all modern amenities and facilities. Given the advent of Internet of Things and increased dependence on digital technologies in our day-to-day life, data and communication networks and associated services are now an absolute necessity for a campus.

The PMC shall provide project management consultancy services to CUAP Ananthapuramu for setting up the Smart Campus Wide Network, procurement of IT devices and other ICT services for academic, administrative, hostels.

1. Communication Network:
 - 1.1. OFC and LAN network in the campus including various buildings.
 - 1.2. High speed Wireless network access in the campus to support real time access to education, administration and security in the campus.
 - 1.3. 5G lab and outdoor research establishment
 - 1.4. IPBX, conferencing and PA system
2. Safe Campus
 - 2.1. Active Surveillance and critical response system within campus and all sensitive locations
 - 2.2. Command and control system
 - 2.3. Edge analytics and AI based early detection system (risk and safety analytics)
 - 2.4. Boom barrier at front gate
3. Campus Management System
 - 3.1. Access management system
 - 3.2. Attendance management system
 - 3.3. Administration process automation
 - 3.4. Student smart ID card management
4. Learning management system
 - 4.1. Automation and digitisation of course and support materials
 - 4.2. Library automation system
 - 4.3. Student life cycle management etc
5. Green Energy Solutions
 - 5.1. Solar/wind/other green energy solutions
 - 5.2. Any other area to be explored for self-reliance in energy.



The broad scope of work is mentioned below:

- Managing complete tendering and ordering process of the ICT solution as per the University requirement and provide high level design of the campus ICT infrastructure like
 1. Fiber Optic Redundant Backbone Network(10G/40G/100G)
 2. Cat6/Cat6A Structured cabling for LAN, WIFI, Surveillance Access Control and IOT Applications.
 3. Tier2/Tier3 Data Centre
 4. Server and Storage
 5. Network Security
 6. Campus Wide Smart WI-FI Network
 7. Campus Wide Centralised Smart Surveillance System with Analytics.
 8. Indoor/ Outdoor Audio and Video Solution
 9. Intelligent Boom Barrier Access control System for Entry and Exit Gates
 10. IP Based EPABX system
 11. Digital Signages indoor and Outdoor
 12. Desktop Computer Lab Equipment's and IT Infrastructure
 13. Smart Classroom infrastructure
 14. Learning Management System etc in consultation with CUAP Ananthapuramu.
- Tendering and implementing the ICT infrastructure & services on design approved by the institute by procuring the System Integrator (SI) in strict compliance with Government of India (GoI) procurement rules.
- The services of an appropriate system integrator (SI) for implementation of the ICT infrastructure needed by CUAP Ananthapuramu in a manner such that they own and settle any statutory paras/issues that may be subsequently raised by the CAG or the statutory auditor of the Institute in any internal/external audit of this work at any time.
- Design of user acceptance test (UAT) for the network installation and commissioning.
- Conduct the User Acceptance Test (UAT).
- Overseeing the faults and repairs by SI.
- Monitor the performance of the SI during the defect liability period after the installation and commissioning by SI.
- Monitoring supervision and facilitation of the implementation of the project, including fulfilment/ compliance of all statutory and legal requirements.
- Submitting report of progress of the project from time to time to Institute.
- Completing the handing-over/taking-over of the inventories.

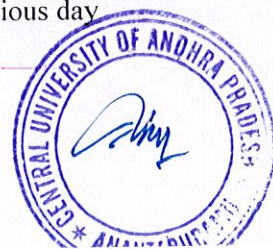
The Deliverables are as below: -

Sr. No	Deliverables	Timelines
1	Draft Report (Comprising suggestion on solutions for each required modules with network design inputs and planning inputs to get the desired throughput, reliability and optimum cost for a required performance of modules and suggest maintenance mechanism in present scenario)	T+5 days

Note: "T" is the date of receiving the Letter of Award from CUAP

Minimum criteria for eligibility

The bidder who fulfils the following requirements shall be eligible to apply. Central Govt. Organizations / PSUs /IT Consultants should have completed / ongoing Project Management Consultancy services for ICT based infrastructure setup (and it must include the supervision, quality control, billing including installation and commissioning) of magnitude as below, during the last five years ending previous day of last month of submission of EOI:



One consultancy assignment of 80% value of the tentative project cost of Rs. 10 Cr for similar ICT based infrastructure setup.

Two consultancy assignments of 50% value of the tentative project cost of Rs. 10 Cr for similar ICT based infrastructure setup.

“Similar setup” in these criteria means Project Management Consultancy for setting up Network and ICT infrastructure for academic campuses, centrally funded institutes and R&D institutes or organizations of similar nature.

The bidder must provide the following documents:

1. A copy of incorporation certificate of the bidder as proof of registration in India.
2. Annual audited financial statements for the last three financial years (i.e. FY20- 21, FY21-22, FY22-23).
3. List of eligible similar nature successfully completed/ongoing works during last five years and duly certified by the clients.
4. Particulars of works/projects and performance of the bidder duly authenticated certified by the client should be furnished separately for each work.
5. The Bidder should have a client base of minimum 50 Major clients or above.
6. Bidder/ Company should have an RCDD+ PMP Certified resource on board.
7. Bidder/Company should have clients from IT/ITES, R&D labs, manufacturing companies, warehouses, data centers, telecom.
8. Bidder/Company should have CCIE (written) certified CCDP on board and 3+ IGBC certified professionals.

A technical write-up comprising the high-level plan to be adopted by the PMC covering the following points:

1. An overall write-up (as a concept note) setting out the implementation philosophy to be adopted for carrying out the work for CUAP Ananthapuramu.
2. Provide a high-level project management plan.

EVALUATION CRITERIA

The details submitted by the bidder will be evaluated based on the eligibility and Presentation (in percentage 60:40 respectively) quoted for the assigned job/work by the CUAP Ananthapuramu. The price quoted should be in Indian currency.

Even if a bidder satisfies the above requirements, bidder may be disqualified if the bidder has made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria documents, record of poor performance such as abandoning work, not properly completing the contract, financial failures/weaknesses, or inadequate deployment of resources etc.

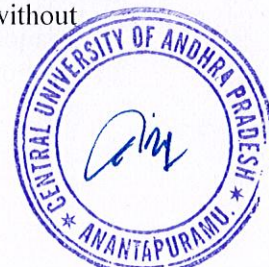
The selected bidder will be required to sign the Contract agreement within 5 working days of the issue of such letter. CUAP Ananthapuramu may assign the job/work in parts to the selected bidder/PMC on a time-to-time basis as per the requirement of CUAP.

Validity of the Assignment

Three years from the date of signing the agreement, extendable for another one year.

Terms and Conditions

- i. CUAP Ananthapuramu reserves the right to accept or reject any or all EOI, at any time without assigning any reason.



- ii. The tendered rates should be valid for a minimum period of 90 days.
- iii. Settlement of any disputes in Ananthapuramu Courts – Vice Chancellor, CUAP Ananthapuramu or his/her authorized representative shall be the final authority in all disputes and decision will be accepted to all concerned.
- iv. The two-bid system shall be followed for this EOI. In this system, the offer should be submitted under two-bid system in two separate envelopes posted in one cover. The two envelopes should clearly be superscribed technical bid and financial bid. Technical Bid must not include any commercials being offered directly or indirectly. Failure to do so shall reject the bid summarily. financial Bid must contain only the financial proposal. Any technical sections attached in the financial bid will be ignored. Any conflict between the information provided in the Technical Bid and financial Bid, the Institute will have the right to take the best option to resolve the conflict while ignoring the other.



ANNEXURE I

Profile of the Bidder (On Bidder's Letter Head)

1.	Name of Bidder	
2.	Type of firm	[Please submit the copy of Registration Certificate]
3.	Address for correspondence	
4.	Year of establishment	
5.	Permanent Account Number (PAN) of the Bidder	[Please submit the copy of PAN]
6.	GSTN Registration No. of the Bidder	[Please submit the copy of GSTN]
7.	Status of Income Tax Return of Last 3 years	[Please submit the copy of acknowledgement of Income Tax Return]
	FY 2020-21	
	FY 2021-22	
	FY 2022-23	
8.	Whether the firm has been blacklisted by any Central Govt. / State Govt./ PSU/ Govt. Bodies / Autonomous? If yes, details thereof.	
9.	Status and details of disputes/ litigation/ arbitration, if any.	
10.	Name, Designation and address of the officer to whom all references shall be made regarding this EoI	
	Name:	
	Designation:	
	Address:	
	Mobile:	
	Email Id:	
11.	Contact details of Authorized signatory in reference to this EOI	
	Name:	
	Designation:	
	Address:	
	Mobile:	
	Email Id	

(Authorized Signatory)

Name:

Designation:

Address:

Signature:

Seal:



ANNEXURE II

EOI SUBMISSION FORM

To,

Date:

The Assistant Registrar
Central University of Andhra Pradesh
JNTU Incubation Centre
JNTU Road, Chinmaya Nagar
Ananthapuramu Andhra Pradesh 515002

Dear Sir,

Subject: Submission of the Expression of Interest (EOI) for Consultation for Project Management Consultancy Services for the Designing and Implementation of Smart Campus Network Architecture for Permanent Campus of Central University of Andhra Pradesh (CUAP)

We, the undersigned, offer to provide services for Consultation for Project Management Consultancy Services for the Designing and Implementation of Smart Campus Network Architecture for Permanent Campus of Central University of Andhra Pradesh (CUAP) in accordance with your Expression of Interest (EOI) dated 23rd November 2023. We are hereby submitting our Expression of Interest (EOI).

We hereby declare that all the information and statements made in this Expression of Interest (EOI) are true and accept that any misinterpretation contained in it may lead to our disqualification.

We agree to abide by all the terms and conditions of the EOI document. We understand you are not bound to accept any proposal you receive.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:



ANNEXURE III

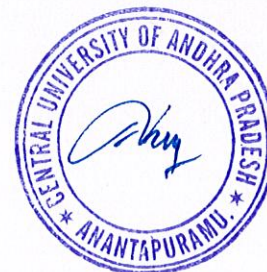
BIDDER INFORMATION DETAIL

S. No	Items	Bidder's Response
1	Basic Information	
I	a) Name of the organization	
	b) Registered office Address	
II	a) Name of contact person	
	b) Phone no. of contact person	
	c) Email address of contact person	
	d) Website if any of the organization	
	e) Year of commencement of business	
	f) PAN	
	g) Service tax registration No. / GST No.	
2	Location of competency centre and number of Professionals	
3	Number of years of past experience in Consultation Project Management Consultancy Services for the Designing and Implementation of Smart Campus Network Architecture	
4	Past Experience of projects of similar nature (Designing and Implementation of Smart Campus Network Architecture) – Number of projects	
5	Certificates as per Eligibility Criteria	
6	Framework for implementation of Designing and Implementation of Smart Campus Network Architecture with Bill of materials and Specifications as per Scope of Work	
7	Purchase/Work Order documents and confirmation of certification from customer.	
8	Certified professionals– Number of Certified professionals	
9	Relevant experience	
10	Annual turnover of the bidder (in Rupees Lakh) in each of the last 3 financial years	
	For 2020-21	
	For 2021-22	
	For 2022-23	

Name of the Authorized Signatory:

Place:

Date:



ANNEXURE IV

PROJECT DETAILS

S. No	Items	Mandatory (Y/N)	Bidder's Response
1	Client Name	Y	
2	Location of client along with contact person, contact no and email id	Y	
3	Date of Purchase Order received for the project Date of Commencement of Contract: _____ Date of Implementation of the project: _____ Status of the Project (whether Completed / Work-in- progress etc.): _____	Y	
4	Nature of project for the Clients (Please list the activities handled by the bidder)	Y	
5	Technologies used in implementation	Y	
6	Team Size	Y	
7	Name of the Project Head	Y	
8	Name of the Expert / Expert Team members	Y	
9	Contract Amount (in Rupees Lakh)	Y	
10	Any other relevant information including reason for delay if any	N	

