



TENDER NO : 4PI/PUR/2K24/128

Date : 10.03.2025

**Expression of Interest (EOI)  
For**

**“Tape Library/Alternate solution with  
associated Peripherals for Data Backup  
of CSIR Megha Cloud Storage”**

**CSIR- FOURTH PARADIGM INSTITUTE  
NWTC ROAD, BELUR CAMPUS,  
BENGALURU - 560037  
KARNATAKA - INDIA**

## **Disclaimer**

**All information contained in this document, subsequently provided/clarified are in good interest and faith. This is not a agreement and is not an offer or invitation to enter into an agreement of any kind with any party. Head, CSIR Fourth Paradigm Institute reserves the right to cancel this document without liability or any obligation for such document, and without assigning any reason, CSIR Fourth Paradigm Institute reserves the right to take final decision regarding award of contract.**

**Submission of proposal/response to this Expression of Interest Eol doesn't guarantee evaluation or allocation of work. Under no circumstances, will the CSIR - Fourth Paradigm Institute be held responsible or liable in any way for any claims, damages, losses, expenses, costs or liabilities whatsoever (including, without limitation, any direct or indirect damages for loss of profits, business interruption or loss of information) resulting or arising directly or indirectly by application or non-application to this Eol.**



**CSIR FOURTH PARADIGM INSTITUTE (CSIR-4PI) NAL, BELUR CAMPUS, BANGALORE – 560037**

**Invitation for Expression of Interest for “Tape Library / Alternate Solution with associated Peripherals for Data Backup of CSIR Megha Cloud Storage”**

CSIR Fourth Paradigm Institute (CSIR-4PI), a constituent laboratory under the Council of Scientific and Industrial Research (CSIR), is planning to procure “Tape Library / Alternate Solution with associated Peripherals for Data Backup of CSIR Megha Cloud Storage”. The facility will be hosted at CSIR-4PI, Bangalore. In this context, CSIR-4PI is inviting Expression of Interest (EoI) in the form of a proposal from solution providers who can provide a solution, which includes supply, installation, commissioning, with Service Level Agreement (SLA) and user support for Tape Library / Alternate Solution with associated Peripherals for Data Backup of CSIR Megha Cloud Storage.

## 1. Introduction

CSIR- Fourth Paradigm Institute (CSIR-4PI), formerly CSIR-CMMACS, BENGALURU, India, is one of the premier laboratories under Council of Scientific and Industrial Research, an autonomous body under Department of Scientific and Industrial Research (Government of India), New Delhi. CSIR-4PI is a Science and Knowledge based Research and Development Organization.

### 1.1 Bidding Data Sheet

SL.No	Particulars	Details
1.	Document ID	
2.	Release Date	
3.	Selection Method	
4.	Name of the Inviting Authority	The Director CSIR Fourth Paradigm Institute NAL Belur Campus Bangalore – 560 037 Phone No: 080-25051945/1947
5.	Eol issued by	The Director, CSIR-4PI
6.	Availability of Eol	Eol can be Downloaded from:  1. CSIR-4PI website <a href="http://www.csir4pi.in">www.csir4pi.in</a> 2. Central Public Procurement Portal (CPPP) <a href="http://www.etenders.gov.in">www.etenders.gov.in</a>

## 2. Evaluation of Eol

### 2.1 General Instruction

1. The EOI shall be submitted within the stipulated date and time on CPP Portal [www.etender.gov.in](http://www.etender.gov.in)
2. Eol proposal shall consist of supporting proofs and documents.
3. Bidder shall submit all the required documents as mentioned in Annexure - A of this document.
4. The Eol proposal submitted by Bidder should be complete document. The document should be page numbered, must contain the list of contents with page numbers and shall be digitally signed by the Authorized Representative of the Bidder.
5. Eol document submitted by the Bidder should be concise only containing relevant information as required.
6. The entire proposal shall be strictly as per the format specified in this Invitation for Expression of Interest and any deviation may result in the rejection of the Eol proposal.
7. Any proposal received by CSIR-4PI after the submission deadline shall not be considered. No further correspondence on the subject will be entertained.
8. Bidders for any clarifications/queries an e-mail shall be sent at [spo@csir4pi.in](mailto:spo@csir4pi.in) / [purchase@csir4pi.in](mailto:purchase@csir4pi.in) before the due date.

### 2.2 Evaluation Process

1. CSIR-4PI shall evaluate the response to the Eol and all supporting documents/Documentary evidences. Non-submission of requisite supporting documents/documentary evidence, may lead to rejection of the Eol Proposal.
2. CSIR-4PI may seek additional documents or clarifications as and when required from the Bidders.
3. All bidder will be required to give their presentation of the offered product/solution on the date and time fixed by the CSIR-4PI.

## Brief Objective and Scope of Work

### ANNEXURE- A

CSIR Fourth Paradigm Institute hosts centralized CSIR Scientific Data Cloud Facility named as “CSIR Megha”. The current capacity of the storage is about 11PiB based on Exatron ZXin solution. The capacity is likely to be increased to about 20PiB.

In this connection, CSIR-4PI is planning to establish a Tape library for the offline backup of the stored data and seek expression from Interested parties. The broad and functional requirement of the tape library is as follows:

1. The capability of the tape library should be more than addressing the backup requirement of the estimated maximum data storage using the industry standard (like number of copies, time period of incremental and new data backup). This should define the expandability/scalability of the solution, in terms of number of latest tape drives and slots for tapes.
2. The initial capacity should be able to address the backup needs of immediate storage of about 11 PiB as per the industry standard (number of copies and backup schedule). This should define the number of LTOs and number of tapes and slots requirement.
3. The tape library should be capable of compression, built-in encryption, integrity check mechanism, on-demand expansion, robotic arms for loading unloading (simultaneous handling numbers of tapes to cater to the needs as per industry standard, barcode reading features), remote administration, complete tape library life cycle management features, hot swappable tape drives etc.
4. Should propose a commercial software with appropriate sizing (in terms of license), support multiple OS such as latest Linux, Windows etc., Data retention management, support the functional needs of the tape library presented above.
5. Appropriate SAN switched with redundancy for connection to the cloud storage
6. Onsite engineer to administer the tape library
7. The above points are the broad requirement. However, vendor is requested provide the specification in detail and also budgetary quotes for such a solution.
8. The vendor is also requested to highlight the percentage of local content in the solution

#### Local Content & associated Guidelines

- a. The OEM of each major component such as CPU nodes, GPU nodes and storage (including switches) should mention the local content in their solutions. (With reference to Make in India Order No. no. P-45021/2/2017-PP (BE-II) dated 16<sup>th</sup> September 2020 of Ministry of Commerce and Industry, Government of India and any amendments thereon)
- b. The vendor also should comply to Order No.P-45021/112/2020-PP(BE-II)(E-43780) dated 24.08.2020 of Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade and any amendments thereon.
- c. All claims regarding the local content should be supported by detailed breakup, valid justifications and OEM certificates.

### **Shortlisting bidders for the for the tendering stage (next level)**

- a. It is essential for a bidder to participate in Eol to be eligible for the tendering stage.
- b. CSIR-4PI reserves the right to shortlist the vendors (considering both technical merit including capability).
- c. Also CSIR-4PI reserves the right to go for a global tender if felt appropriate/necessary after taking necessary approvals as an outcome of the Eol process.

### **Eol Restrictions**

- d. The OEM can participate through only one SI and vice-versa.
- e. The OEM-SI pair participated in Eol should be same at the tendering stage as well.

### **SUBMISSION REQUIRMENT**

The interested parties are requested to submit their Eol bids on-line through NIC eProcurement System/Portal on before the due date of submission along with the following forms :

<b>SL.NO.</b>	<b>FORM</b>	<b>FORMAT</b>
<b>1.</b>	<b>Applicant's Consent Form</b>	
<b>2.</b>	<b>Firm Contact Details</b>	
<b>3.</b>	<b>Experience in related fields</b>	
<b>4.</b>	<b>Financial Strength of the organization</b>	
<b>5.</b>	<b>Additional Information</b>	
<b>6.</b>	<b>Declaration</b>	
<b>7.</b>	<b>Integrity Pact</b>	

## FORMAT - 1

### Applicant's consent Form

To,

The Head  
CSIR Fourth Paradigm Institute  
NAL Belur Campus,  
Bangalore - 560 037

**Subject : Submission of Expression of Interest for "Tape Library/Alternate Solution with associated Peripherals for Data Backup of CSIR Megha Cloud Storage"**

Dear Sir,

In response to the Invitation for Expression of Interest (EOI) published on \_\_\_\_ for  
**"Tape Library/ Alternate Solution with associated Peripherals for Data Backup of CSIR Megha Cloud Storage"**

, as instructed, we attach following documents:

1. Firm Contact Details (Format - 2)
2. Experience in related fields (Format -3 )
3. Financial Strength of the Organization (Format - 4)
4. Additional Information (Format - 5)
5. Declaration (Format - 6)
6. Integrity Pact (Format - 7)

Signature of the Applicant

Stamp & Date

Note : This is to be furnished on the letter head of the organization



## FORMAT - 2

FIRM CONTACT DETAILS		
<b>1</b>	Name of the Organization: Website	
<b>2</b>	Name of the Contact Person: a) Name: b) Address c) Telephone: d) Fax: e) E-Mail:	
<b>3</b>	Year of Incorporation	
<b>4</b>	Type of Organization a) Public Sector/ Limited/Private Limited/ Partnership/ Proprietary/ Society/ Any other b) Whether 'Foreign Equity Participation (Please give name of foreign equity participant and percentage thereof) c) Names of Directors of the Board/ Proprietors d) Name and address of NRI(s), if any	
<b>5</b>	Category of the firm: Large/Medium/Small scale unit	
<b>6</b>	Address of the Registered Office:	
<b>7</b>	Number of Offices with addresses (Excluding Registered Office): a) India b) Abroad	
<b>8</b>	Certificate of registration as a manufacturing unit	
<b>9</b>	Permanent Account Number	
<b>10</b>	GST Number	
<b>11</b>	Status of ISO Certification	
<b>12</b>	List of products/technologies worked with as regular activity in last three years. Give the list of products/technologies with general specifications and the customers.	
<b>13</b>	Whether the Organization has been blacklisted by any Central /State Government Department Organization	Yes/No

Signature with Name & Seal:

Place:

Date:

## FORMAT - 3

Experience in Related Fields		
<b>Overview of the past experience of the Firm</b>		
Sl.No	Item	Particulars
1.	Experience & Details of work done with any Govt/Public Sector Undertaking (Publically funded)/Autonomous/Universities /R & D Organization	
2.	Experience & Details of work done with other than Sl.No.1	
3.	Experience & Details of Work done in India	

Signature of the applicant \_\_\_\_\_

Full Name of the applicant \_\_\_\_\_

Stamp & Date \_\_\_\_\_

**FORMAT - 4**

<b>Financial Strength of the Firm</b>		
<b>Annual Turnover for last three Financial Years</b>		
<b>Sl.No</b>	<b>Item</b>	<b>Particulars</b>
1.		
2.		
3.		
Note : Please attach auditor's certificate (certified copy) in support of your claim.		

Signature of the applicant \_\_\_\_\_

Full Name of the applicant \_\_\_\_\_

Stamp & Date \_\_\_\_\_

## FORMAT - 5

Additional Information		
<b>8. List of attachments related to the previous sections</b>		
Sl.No	Item	Particulars
1.		
<b>9. Additional information to support the eligibility (If any)</b>		

Signature of the applicant \_\_\_\_\_

Full Name of the applicant \_\_\_\_\_

Stamp & Date \_\_\_\_\_

## FORMAT – 6

### Declaration

We hereby confirm that we are interested to participate in **“Tape Library / Alternate Solution with associated Peripherals for Data Backup of CSIR Megha Cloud Storage”** under category “ \_\_\_\_\_ ” and all the information provided herewith is genuine and accurate to the best of our knowledge.

We also confirm that our firm has not been black listed or has any litigation or any conflict of interest that may impact on the delivery of services.

Authorized Person’s Signature :

Name and Designation :

Date of Signature :

Note : This declaration is to be furnished on the letter head of the organization.

## Format – 7

### INTEGRITY PACT

Between

Council of Scientific & Industrial Research (CSIR) a Society registered under the Indian Societies Act 1860 represented by \_\_\_\_\_ hereinafter referred to as “The Principal”.

And..... herein referred to as “The Bidder/ Contractor.”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s for .....The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

#### Section 1 – Commitments of the Principal

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - (c) The Principal will exclude from the process all known prejudiced persons.
- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action.

#### Section 2 – Commitments of the Bidder(s)/Contractor(s)

- (1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
  - (a) The Bidder(s)/Contractor(s) will not, directly or through any other Person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  - (b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, Certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

- (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is annexed and marked as Annexure.
  - (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
  - (3) The person signing IP shall not approach the courts while representing the matters to IEMs and he/she will await their decision in the matter.

#### Section 3 – Disqualification from tender process and exclusion from future Contracts

- (1) If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings". Copy of the "Guidelines on Banning of business dealings" is annexed and marked as Annex -"B".

#### Section 4 – Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

#### Section 5 – Previous transgression

- (1) The Bidder declares that no previous transgressions occurred in the last 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings."

#### Section 6 – Equal treatment of all Bidders / Contractors/ Sub-contractors

- (1) The Bidder(s)/Contractor(s) undertake(s) to demand from all Subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

## Section 7 – Criminal charges against violating Bidders / Contractors/ Subcontractors

- (1) If the Principal obtains knowledge of conduct of a bidder, Contractor or Subcontractor or of an employee or a representative or an associate of a bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

## Section 8 - Independent External Monitors

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the JS (A), CSIR.
- (3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Subcontractor(s) with confidentiality.
- (4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (5) As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (6) The Monitor will submit a written report to the JS(A), CSIR within 8 to 10 weeks from the date of reference or intimation to him by the Principal and should the occasion arise, submit proposals for correcting problematic situations.
- (7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the CSIR.
- (8) If the Monitor has reported to the JS(A), CSIR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the JS(A), CSIR has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (9) The word 'Monitor' would include both singular and plural.

## Section 9 – Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by JS(A), CSIR.



**Section 10 – Other provisions**

- (1) This agreement is subject to Indian Law. Place of performance and Jurisdiction is the Registered Office of the Principal, i.e. New Delhi
- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

\_\_\_\_\_  
(For & On behalf of the Principal)  
(Office Seal)

\_\_\_\_\_  
(For & On behalf of Bidder/Contractor)  
(Office Seal)

Place.....

Place.....

Date.....

Date.....

Witness 1:(Name & Address): \_\_\_\_\_

Witness 2:(Name & Address): \_\_\_\_\_