



Expression of Interest (EoI) for Project Management Consultancy (PMC)
for
Setting up of Tier III HPC Data Centre Facilities at Chennai and
Vishakhapatnam

**National Centre for Coastal Research (NCCR),
Ministry of Earth Sciences,
Government of India,
2nd Floor NIOT Campus,
Pallikaranai, Chennai - 600 100**

| EOI DETAILS | |
|---|--|
| Date of commencement of downloading of EOI Document | 29.01.2026 |
| Last date and time for downloading of EOI Documents | 06.03.2026 at 3.00 PM (Extended) |
| Date of the presentation of concept paper | Will be intimated in website |
| Address for the presentation of the concept paper | National Centre for Coastal Research (NCCR), Ministry of Earth Sciences, 2nd Floor, NIOT Campus, Pallikarani, Chennai – 600 100, Tamil Nadu |
| Mode of Bid Submission | EOI documents shall be submitted offline |
| Contact to Bidders | Dr. Sisir Kumar Dash, Scientist- F, National Centre for Coastal Research (NCCR), Ministry of Earth Sciences, 2nd Floor, NIOT Campus, Pallikarani, Chennai – 600 100, Tamil Nadu Email: skdash@nccr.gov.in Tel: (O): 044 66787033 |

Expression of Interest for Project Management Consultancy for Setting up of Tier III Data Centre

1.0 Introduction

National Centre for Coastal Research, Chennai, located at 2nd floor, NIOT campus, Pallikaranai, Chennai, 600 100 (Tamil Nadu), is a research institute under the Ministry of Earth Sciences, Government of India.

2.0 Project Background

NCCR proposes to establish state-of-the-art **High-Performance Computing (HPC) Data Centre facilities** simultaneously at both its Chennai and Vishakhapatnam locations. These facilities must be compliant with **Tier III standards**.

3.0 Objective and Purpose of EoI

The primary objective of this Expression of Interest is to identify reputable, eligible, and technically qualified **Project Management Consulting Firms** having proven expertise in providing end-to-end solutions for the design, supervision, and execution management of specialized Tier III HPC Data Centres.

The selected PMC firm will be required to manage the integration of complex Civil/Furnishing work, Electrical Systems (HT/LT/DG Sets/UPS), specialized **HVAC Systems** (Precision Air-conditioning, high-density cooling solutions required for HPC, such as in-row cooling), Integrated Building Management System (IBMS), **Data Centre Infrastructure Management System (DCIM)**, and the integration/installation of the advanced **HPC IT Systems** (as referenced in the specifications) across both sites.

The estimated cost of the complete turnkey solution (Civil, Electrical, HVAC, IBMS, etc., including IT Hardware) is approximately **Rs. 750.00 Lacs**.

4.0 Eligibility and Pre-Qualification Criteria for the bidder

The bidder shall be evaluated based on their submission, inter-alia, on past experience of handling general and similar consultancy assignments and financial capability.

| Criterion | Requirement |
|-------------------------|--|
| 4.1 Legal Status | Bidder must have worked for a Government Organization/ PSU/ PSE/ Partnership Firm/ Proprietary Firm/ Limited Company under Indian Laws with an established setup in India. Must have valid GST Registration Certificate and PAN. |

| | |
|------------------------------------|--|
| 4.2 Average Annual Turnover | Minimum Average Annual Turnover of Rs. 20.00 Lacs (Rupees Twenty Lacs Only) during the last three financial years (ending 2024-25). This turnover must be solely derived from consultancy related to Data Centre Infrastructure set-up only and should not compromise of cost related to IT hardware/software. Bidders must upload audited Annual Balance Sheets of last three financial years. |
| 4.3 Similar Work Experience | <p>The Bidder should have prior experience in PMC for setting up a Tier III HPC Data Centre costing 5 to 10 Crores for any Govt. of India organization/PSU/PSE/Ministries.</p> <p>Document Evidence Required:</p> <ul style="list-style-type: none"> • Work Order / Letter of Award • Completion Certificate from client • Relevant invoice/bills demonstrating project scope and value |
| 4.4 Technical Team | The Bidder must have a qualified and experienced technical team available for deployment at the site for the duration of the project. Details (qualification, certification, domain experience in Data Centre Infrastructure/consultancy) must be attached. |
| 4.5 Statutory Compliance | The Bidder must possess all necessary licenses, permissions, consents, and approvals required under the law for carrying out the business, including those envisaged under the scope of this EoI. |
| 4.6 Non-Debarment | The bidder must not have been blacklisted/debarred by any Govt. of India/PSU/PSE/ Govt. Organization or by the Department of Expenditure (DoE) for breach of any laws/regulations during the last 3 (three) years. (Bidder to submit self declaration in this regard) |
| 4.7 Office Location | The bidder shall have a local/Branch office / Service Centre in Chennai. |
| 4.8 Start-up/MSE Relaxation | In accordance with the Government of India procurement provisions, relaxations on prior turnover and prior experience criteria may be withheld for procurements involving mission-critical infrastructure where proven vendor experience is essential. Considering the critical nature of establishing a Tier III HPC Data Centre, no relaxations are provided to Start-ups/MSMEs. |

| | |
|---------------------------------|---|
| 4.9 Conflict of Interest | The Consultant shall not have any Conflict of Interest (CoI) with any other bidder, affiliate, or other assignment which may affect impartial advice or fair competition in this process. |
| 4.10 | Bidder should be the sole. |

5.0 Scope of Work under the EOI

The duties and scope of work expected from the Project Management Consultant (PMC) shall cover end-to-end services necessary for the establishment of Tier III HPC Data Centre facilities at Chennai and Vishakhapatnam:

5.1 Design and Standards: Providing professional services for the detailed design of the New Tier III Data Centre infrastructure at both sites, adhering to the latest national/international standards.

5.2 Documentation: Taking instructions from NCCR, visiting both sites, preparing preliminary sketch designs, drawings/diagrams (in accordance with standards and regulations), making estimates of cost with measurements, and ensuring necessary revisions until designs are finally approved by the NCCR.

5.3 Project Scheduling: Submitting a detailed **PERT CHART / Bar Chart** incorporating all necessary activities required for the completion of the project well in time.

5.4 Tendering Process Management: Preparing pre-qualification documents and detailed tender documents/notices for various trades (Civil, Electrical, HVAC, IBMS, IT Systems integration, etc.), complete with articles of agreement, special conditions, conditions of contract, specifications (including HPC specific requirements), and Bill of Quantities (BOQ).

5.5 Bid Evaluation & Contracts: Analyzing bid rates, preparing comparative statements, justifying the acceptance of rates/contracts, and preparing contract agreements for all trades/contractors and ensuring execution by the concerned parties.

5.6 Supervision and Quality Assurance: Conducting day-to-day supervision of works at both sites, deploying a full-time qualified Site Engineer, recording measurements, and ensuring quality and compliance with required specifications and standards. This includes ensuring all work integrates seamlessly with the HPC technical specifications.

5.7 Payment Certification: Checking contractors' bills, issuing periodical certificates for payments, and certifying accounts. The Consultant shall assume full responsibility for **100% checking** of measurements certified by them in each running bill.

5.8 Certification and Compliance: Shall suggest/facilitate the Tier III Certification (or compliance audit as per TIA 942 standards or uptime institute) from certifying agencies, ensuring all equipment and work carried out conform to the required standard compliance.

5.9 Fiduciary Duty: Acting as a faithful advisor, upholding professional standards, and safeguarding the legitimate interests of NCCR.

All the activities mentioned in the scope of work shall be carried out in consultation with and approval of NCCR.

6.0 Time of Completion

The indicative schedule time of completion and commissioning of the Data Centre facilities at both locations is **ONE Year** from the date of appointment of the Consultant. This period includes tasks for submission of project reports, detailed drawings, specifications, estimates, tendering, and execution/supervision of all works.

7.0 Process for Submission of EoI Bids

7.1 Submission: Bidders shall submit offline (hardcopy) on or before the due date and time.

7.2 Technical Concept: Bidders meeting the basic eligibility criteria will be invited for a presentation of their concept paper (Annexure III) detailing their proposed approach, methodology, and technical capabilities for setting up a dual-location Tier III HPC Data Centre.

8.0 Other Important Terms and Conditions

8.1 No Price Details in Bid: No price details, financial quotes, or cost estimates are to be given in the Bid. If any price details are found, the Bid will be summarily rejected.

8.2 Incomplete/Non-responsive Bids: Incomplete and/or non-responsive bids will be rejected during evaluation.

8.3 Confidentiality: The confidentiality of all information shared must be maintained and shall not be disclosed to any agency without written permission from NCCR.

8.4 Right to Reject/Cancel: The Director, NCCR, reserves the right to accept/reject any offers or cancel the entire proceedings without assigning any reason whatsoever.

8.5 Bid Validity: The EoI bid shall remain valid for a period of **not less than 21 days** from the deadline for submission.

9.0 Disclaimer

This EOI is not an offer by NCCR, Chennai, but an invitation for the bidder's response. No contractual obligation whatsoever shall arise from the EOI process.

Annexure I**Bidder's Information**

| S.No | Information | Particulars / Response | | |
|-------------|---|---|---------------------------|--------------------------------|
| 1 | Company Name | | | |
| 2 | Constitution | | | |
| 3 | Date of Incorporation | | | |
| 4 | Company Head Office Address | | | |
| 5 | Registered Office Address | | | |
| 6 | GST/PAN No. (Attach certificates). | | | |
| 7 | Name, Designation, Tel. No, E-Mail of the authorized signatory (Attach Board Resolution/Power of Attorney). | | | |
| 8 | Specimen Full signature and Initials of Authorized Signatory | | | |
| 9 | Contact persons address, telephone number, mobile number, Fax Number, E-Mail ID. (give at least 2 contact persons details) | | | |
| 10 | Any pending or past litigation (within three years)? If yes please give details | Yes/No Comments (if option is 'Yes') | | |
| 11 | Turnover for last three financial years (2022-23, 2023-24, 2024-25), specifically detailing turnover from Data Centre Build/Infrastructure consulting only (Attach Audited Balance Sheets). | Year 2022-23 2023-24 2024-25 | Turnover Rs. (in Lacs) | Profit / Loss Rs. (in Lacs) |
| 12 | Details of the Branch Office in Chennai | | | |
| 13 | Details of the Qualified / experience technical manpower (attach max. 2 page CVs in prescribed format for Project Director, Lead Civil Engineer, | | | |

| | | |
|----|--|--|
| | <p>Lead Electrical Engineer, Lead HVAC / Mech Engineer, IT Infrastructure Specialist, Site Engineers)</p> <p>Name:</p> <p>Designation:</p> <p>Qualification:</p> <p>Relevant Certifications (CDCP/DCEP/PMP):</p> <p>Years of Experience: (Total/Data Centre)</p> | |
| 14 | <p>Details of the Trade License/Permits/NOC/Approvals</p> <p>14A. Details of ISO Certifications (ISO 9001, ISO 27001, etc.) - Certificate Number, Validity Period - Attach copies</p> <p>14B. Professional Memberships / Accreditations - Uptime Institute, TIA-942, BICSI, etc. - Attach proof</p> <p>14C. Insurance Coverage Details - Professional Indemnity Insurance - Policy Number, Coverage Amount, Validity</p> | |
| 15 | Is the Bidder Blacklisted by any Government Departments/PSUs/PSE for breach of any applicable law/regulations/ Agreements in the last three years? (Please attaché self declaration) | |
| 16 | Is the Bidder Sole/Consortium. | |
| 17 | Declaration of Non-Debarment | |

Annexure II

Details of similar completed consultancy works

(Submit separate sheet for each work claimed under eligibility criteria)

Project Details:

1. Name of Client Organization

(Government/PSU/Private/International)

2. Client Contact Person Details

Name:

Designation:

Email:

Phone:

3. Project Title/Name:

4. Location(s) of Data Centre:

5. Tier Level (Tier I/II/III/IV):

6. Type of Data Centre:

HPC/Supercomputing Enterprise Colocation Edge Other: _____

7. Total Project Value (Turnkey Cost):

₹ _____ Crores (in words: _____)

8. PMC Fee Received:

₹ _____ Lakhs

9. Contract Period:

Start Date: _____ Completion Date: _____

Actual Duration: _____ months

10. Current Status:

Completed Substantially Completed Ongoing

(Note: Only completed works are eligible)

Scope of PMC Services Provided (Tick all applicable):

11. Services Delivered:

- Preliminary Design & Site Assessment
- Detailed Engineering (Civil, Electrical, HVAC, IBMS)

- Tender Document Preparation
- Bid Evaluation & Contract Award Support
- Construction Supervision
- Quality Assurance & Testing
- Commissioning Support
- Tier Certification Facilitation
- IT Infrastructure Integration
- As-built Documentation & O&M Manuals

Technical Specifications:

12. Data Centre Built-up Area: _____ sq.ft / sq.m

13. IT Load Capacity: _____ kW

14. Power Density: _____ kW per rack (average)

15. Cooling System Type:

CRAC CRAH In-row cooling Liquid cooling

Free cooling Other: _____

16. Power Infrastructure:

- Incoming Power: _____ kVA

- UPS Capacity: _____ kVA (N+__ configuration)

- DG Capacity: _____ kVA (N+__ configuration)

17. Redundancy Level Achieved:

N N+1 2N 2N+1

18. IBMS/DCIM Implementation: Yes No

If Yes, specify vendor/platform: _____

Complexity Indicators (relevant to NCCR project):

19. Multi-location Project?

Yes (Simultaneous execution at __ sites) No

20. HPC-Specific Features Implemented:

High-density cooling (>10 kW/rack)

Hot/cold aisle containment

- Specialized HPC networking
- Liquid cooling infrastructure
- None

21. Certifications Obtained:

- Uptime Institute Tier Certification (Tier _____)
- TIA-942 Rating
- LEED Certification
- ISO 27001
- Other: _____
- None

Documentary Evidence (Attach all):

22. Documents Submitted:

- Work Order / Letter of Award
- Completion Certificate from Client
- Representative invoices/bills (covering project value)
- Project photographs (before/during/after)
- Tier Certification (if applicable)
- Client testimonial/reference letter

23. Brief Project Description (max 200 words):

Describe the project, challenges faced, innovative solutions implemented, and outcomes achieved.

Declaration:

I hereby declare that the information provided above is true and correct. I authorize NCCR to verify the details with the client organization mentioned.

Name & Signature of Authorized Signatory: _____

Date: _____

Company Seal:

Annexure III

Technical concept paper - Submission guidelines

Objective:

Demonstrate your understanding, approach, and capability for establishing Tier III HPC Data Centre facilities at Chennai and Vishakhapatnam.

Submission Requirements:

1. Format : A4 size, PDF format, Arial/Times New Roman 11pt
2. Page Limit : Maximum 15 pages (excluding CVs and certificates)
3. File Naming : [Company Name]_Concept_Paper_NCCR_T-3_HPC_DC.pdf
4. Submission : Offline

Mandatory Sections:

Section 1: Firm Profile & Experience (Max 3 pages)

- Company overview, relevant project portfolio
- Summary table of past Tier III/HPC projects

Section 2: Project Understanding (Max 2 pages)

- Tier III compliance requirements
- HPC-specific challenges (cooling, power density)
- Dual-location execution complexities

Section 3: Proposed Methodology & Approach (Max 5 pages)

- Phase-wise execution strategy (Design to Commissioning)
- Dual-location management plan
- HPC-specific technical solutions
- Quality assurance framework
- Provide an indicative Gantt chart / PERT chart

Section 4: Project Schedule (Max 2 pages)

- Proposed timeline with milestones
- Assessment of 4-month completion feasibility
- Fast-tracking strategies (if applicable)

Section 5: Team Composition (Max 3 pages)

- Organization chart
- Key personnel details (use prescribed table format)
- Attach 2-page CVs for each key person separately

Section 6: Innovation & Value Addition (Max 1 page)

- Innovative technical solutions
- Energy efficiency measures
- Additional services offered

Annexures to Concept Paper:

- Annexure A: CVs of key personnel (max 2 pages each)
- Annexure B: Client reference letters/completion certificates
- Annexure C: Professional certifications (CDCP, DCEP, PMP, etc.)
- Annexure D: Company ISO certifications/registrations

List of annexure and enclosures submitted

| Annexure / Documents submitted | Page from | Page To |
|--|------------------|----------------|
| Annexure I | | |
| Annexure II | | |
| Annexure III | | |
| Any other details/documents/ information | | |

(On the Letter Head of the Bidder)

Ref. No.

Date:

To

The Director

National Centre for Coastal Research
Ministry of Earth Sciences,
2nd Floor, NIOT Campus
Pallikarani,
Chennai – 600 100
Tamil Nadu

Sub:- Expression of Interest (EOI) for Appointment of Project Management Consultancy Firm for Setting Up of Tier III Data Centre facilities for Chennai and Vishakhapatnam.

Sir,

Having read, examined and understood the EOI Documents for the cited works including the Scope and Nature of Works, the Time Frame and other Conditions therein, I/we submit the EOI bid.

I/we agree to abide by all the Terms and Conditions of the EoI Documents.

The application is made by me/us on behalf of _____ in the capacity of _____. I am/ we are duly authorized to submit the bid.

Necessary evidence, as admissible in law, in respect of authority assigned to me/us on behalf of _____ for submitting the Bid is attached herewith.

I/we understand that NCCR reserves the right to reject any or all Bids without assigning any reason.

Signature of Bidder with Seal

Name:

Designation: