

NOTICE INVITING EXPRESSION OF INTEREST (EOI)
CUM
DOCUMENTS FOR PRE-QUALIFICATION OF ARCHITECTS

For

Name of the work: “Establishment of Frontier Research Science Laboratories at Jalahalli Bengaluru Karnataka.”

E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories
/2024-25/EOI No.02 dated: 19.03.2025



RAMAN RESEARCH INSTITUTE

SADASHIVANAGAR, BENGALURU-560080

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INDEX

Sl. No.	DESCRIPTION	Page Nos.
1	EOI Notice	1-11
2	Section-I: Preamble & requirements	12-26
3	Section -II: Information and Instructions to Applicants	27-32
4	Method of Application	33-34
5	Section-III: Letter of Transmittal	35-36
6	Section - III, Form - A: Organizational Structure	37-38
7	Section-III, Form-B Details of in-house services for the assignment	39-41
8	Section-III, Form-C Details of Consortia members related to the Assignment	42
9	Section-III, Form-D Curriculum Vitae of key Professionals	43-44
10	Section-III, Form-E: List of similar comprehensive design consultancy works handled and completed in the last seven years	45
11	Section-III, Form-F List of similar works under execution (on-going projects)	46
12	Section-III, Form-G: Performance Report	47
13	Section - III, Form - H: Annual Financial Turnover	48
14	Evaluation of Attributes, Annexure -1	49-51

RAMAN RESEARCH INSTITUTE
Sadashivanagar, Bengaluru-560080
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E O I N O T I C E

- 1.0 The Raman Research Institute (RRI) is an autonomous research Institute engaged in fundamental research in frontier areas of physics under contemporary research themes. The Institute was founded in 1948 by the Indian Nobel Laureate Professor C V Raman and has a rich heritage and scientific legacy. RRI was the first Institution to be funded by the Department of Science and Technology. The institute celebrated its platinum jubilee year in 2022-2023. A commemorative postal stamp celebrating the 75 glorious years of the Institute's excellence in science was released.
- 1.01 Professor C V Raman started the Institute in Sadashivanagar, Bengaluru – 560080 in a campus measuring 23 acres. The land was gifted to him by the Government of Mysore. Since the time of the founder the Institute has evolved and expanded and currently there is active research in niche areas of Astronomy and Astrophysics, Light and Matter Physics, Soft Condensed Matter and Theoretical Physics. Research activities of national importance are being conducted at the Institute, many of them in line with the Science Goals of GOI – for example, the cluster of quantum laboratories at RRI have taken on leadership roles in two of the four verticals of the recently announced National Quantum Mission. The Institute is also on a faculty hiring spree and the recent past has seen dynamic and enthusiastic young faculty join the Institute with more expected to join the ranks in the recent future. Such an expansion both in Frontier Research Science and man power in an Institute of eminence such as RRI inevitably leads to space constraints on campus. To accommodate this a “**Frontier Research Science Laboratories**” is proposed in 1.50 Acres of land at Jalahalli,

Bengaluru purchased from M/s. Hindustan Machine and Tools (HMT).

- 1.02 At present Raman Research Institute is situated in Sadashivanagar, Bengaluru – 560080 in a campus of 23 Acres. Of late, the existing campus and the areas and facilities of technical laboratories are found to be inadequate for carrying out advance researches and hence a **“Frontier Research Science Laboratories”** is proposed in 1.50 Acres of land at Jalahalli, Bengaluru
- 1.03 The proposed Frontier Research Science Laboratories mainly consists of research laboratories, Director’s, Administrative and Accounts offices and other required services for taking up further advanced research activities.
- 1.04 Applications are invited from reputed Architects/Architectural firms for **“Expression of Interest”** to compete in an Architectural design competition. The Architects/Architectural firms whose design will be selected shall be retained as Architectural Consultant for providing Comprehensive Architectural and Structural Design for state-of-the-art laboratories including services such as Public Health Engineering, Electrical, Mechanical, High Voltage, Air Conditioning (HVAC) services required for the functioning of research laboratories.

1.05 Brief description of Expression of Interest

Name of the work	“Establishment of Frontier Research Science Laboratories at Jalahalli, Bengaluru, Karnataka.”
Estimated cost of the project	Rs.9000.00 Lakhs (Approximate)
Time of completion for Architectural, structural and design of other services	06 (six) Months
Cost of pre-qualification/ Expression Of Interest Document	Rs.1180/- inclusive of GST
Period during which the request for EOI document can be made	25.03.2025 to 30.04.2025
Date and Time of pre-bid meeting	15.04.2025 02:00PM
Last date & time of receipt of proposal	30.04.2025 2:00PM
Date and time of opening of technical proposals	30.04.2025 4:00PM

Pre-qualification Criteria:

Architects / Architectural firms who will fulfill the following criteria shall be considered for participation:

- Year of incorporation of Architects / Architectural firm not later than 2009
- Members of Indian Council of Architects. Documents with regard to membership shall be enclosed.
- Having experience in the field of Architectural planning for not less than 15 years in India, as on date of submission of offer. Architect/Architectural firm having experience in the field of planning and design of technical facility/research laboratories are preferable.

Eligibility Criteria for Issue of documents for Expression Of Interest:

Sl. No	Eligibility Criteria	Documentary proof for the eligibility (Self attested copy to be submitted)
a.	Should have satisfactorily completed the planning and design of facilities including services as mentioned below during the last Seven years from the last date of submission of offer. i. Three similar works each costing not less than Rs. 3600 Lakhs (or) ii. Two similar works each costing not less than Rs. 5400 Lakhs (or) iii. One similar work costing not less than Rs. 7200 Lakhs.	i. Certified copy of Work Completion certificates along with work orders issued by the authority concerned to establish work experience. ii. Completion certificates for works issued by Private parties shall be supported by TDS (Tax Deducted at Source) certificates.
	Note: Similar works shall be an Architectural Planning of State of art Research Laboratories / Technical Laboratories/ Laboratory Facilities including structural design, Public Health Engineering and other allied services.	
	(iv) The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of receipt of application for pre-qualification/Expression Of Interest.	
b.	Should have had average annual financial turnover not less than Rs. 500 Lakhs of the work during the last three years ending 31st March of preceding year.	Certified copy from chartered Accountant for the Annual financial turn over and balance sheet showing Profit & Loss.
c.	Should have a solvency of Rs. 15 Lakhs	Certified copy of current financial year general solvency certificate from any Scheduled Bank shall be produced.

- 1.06. For similar nature of works Architects may furnish GRIHA ratings /LEAD certificate if awarded for such works.
- 1.07. On request in writing, with requisite fee in the form of Demand Draft/ UPI transaction and eligibility documents specified above, Expression of Interest document along with all required documents can be obtained in hard copy from **Estate Office, Raman Research Institute (RRI) (Sadashivanagar, Bengaluru - 560080)** on payment of Rs.1180/- (Inclusive of GST), near Mekhri Circle on any working day during the period mentioned in above paras, except on Saturdays, Sundays and Public holidays.

Architects/Architectural firms can also download the soft copy from Central Public Procurement Portal (CPPP) / RRI website.

Those who download the tender document from Central Public Procurement Portal (CPPP)/ RRI website, should submit a DD for Rs.1180/- (Inclusive of GST) towards the cost of bid document along with technical bid. Submission of DD for Rs.1180/- (Inclusive of GST) towards the cost of bid document is mandatory.

- 1.08. Architects/Architectural firms should submit in three sealed cloths lined covers as below,

Cover i. Containing Technical Bid - This cover shall be super-scribed as “Technical Bid’ and also the name of the work, NIT number and name of Architects/Architectural firms. This cover should contain the full set of Expression of Interest documents issued to the Architects/Architectural firms duly filled in and signed. In case the Architects/Architectural firms intends any observation / comments / remarks on Institutional conditions and specifications, the same shall be brought out in the technical bid or else a confirmation that the Architects/Architectural firm agrees to the terms and conditions and specifications of the documents ‘in Toto’ shall be enclosed.

Cover ii. Containing catalogue about the Architects/Architectural firm - This cover shall be super-scribed as ‘catalogue’ and also the name of the work, NIT number and name of Architects/Architectural firm. The Architects/Architectural firm shall give brief description about their firm, nature of work carried out, name of the works, cost of the works, description of the clients, details regarding participation in

architectural competition awards/letter of appreciation obtained if any and any other details wish to submit other than the above. **Architects/Architectural firm shall enclose one set of drawings including Architectural, structural and other services of one of their best similar works for information, review and technical evaluation. (Architects may note that title of the drawings and name of the client need not be revealed).**

Cover iii. All two covers mentioned above i.e., cover i & ii shall be put in this cover which is sealed cloth lined cover super scribing the name of the work, NIT number and name of tenderer.

Tender submitted in any other manner will be rejected.

- 1.09. The tender accepting authority on behalf of The Director, RRI is not bound to accept any or all the offers submitted by the Architects / Architectural firms and reserves the right to reject any or all the Expression of Interest documents received without assigning any reason. All Expression of Interest in which any of the prescribed condition is not fulfilled or any condition including that of conditional offer is put forth by the Architects / Architectural firms shall be summarily rejected.
- 1.10. Architects/Architectural firms shall sign all the pages of technical bids without fail. The original full set of Expression of Interest documents, duly filled in at required pages should be returned along with the offer. (If required, Architects/Architectural firms can obtain an additional set of Expression of Interest documents for reference on payment of fee as mentioned above).
- 1.11. Expression Of Interest will be received and opened at the Estate Office, Raman Research Institute on the stipulated date and time specified. Delayed and late submission will be summarily rejected. Expression Of Interest will be opened in the presence of attending Architects/Architectural firms or their authorized representatives.
- 1.12. On the due date of opening, all the covers will be opened. On opening of **Cover-i & ii** i.e., technical bid, further detailed scrutiny/evaluation will be carried out. During the evaluation of technical bids, the documents furnished by the Architects/Architectural firms will be scrutinized in detail. Any Expression of Interest, found as not fulfilling the eligibility criteria will be rejected at this stage and such offers will not be considered

for further processing. The Architects/Architectural firms shall be further evaluated based on the documents furnished and made qualified for further processing of the Expression of Interest. If required, their completed works will be inspected. Qualified Architects/Architectural firms will duly be informed for the submission of designs for evaluation.

- 1.13. The pre-qualified Architect/Architectural firm will be requested to submit their proposal including a walk through for proposed Frontier Research Science Laboratories to a committee consisting of internal and external experts for evaluation.
- 1.14. The pre-qualified Architects who submit their design will be paid honorarium maximum of Rs. 1.00 Lakh as a lump-sum amount as per the discretion of the competent authority. No other expenses will be borne/reimbursed by RRI.
- 1.15. The Architects/Architectural firms, whose offer is accepted, will be required to furnish performance guarantee of Rs. 1.00 Lakh within 15 days from the date of issue of letter of intent/ work order. This guarantee shall be in the form of Deposit at Call receipt/ Term Deposit Receipt of any Scheduled Bank issued in favour of Director, RRI (or) in the form of Bank guarantee issued by a scheduled bank in accordance with the prescribed form. In case the Architects/Architectural firms fails to deposit the said performance guarantee within the period specified including the extended period if any, their order will be cancelled and they are not permitted to participate in the re-tendering.
- 1.16. Intending Architects/Architectural firms may inspect the site before submitting the Expression of Interest, with the prior permission of Estates & Buildings Division, RRI.
- 1.17. If the Architects/Architectural firms fails to complete the work in specified period of Six months as specified in above Paras. The Architects/Architectural firms is liable to pay compensation for delay of completion of the work at the rate of 1% per week of their quoted fee towards planning. Exceptions: Force Majeure.
- 1.18. The Architects/Architectural firms have no right to suggest alternate terms and Conditions.

- 1.19. The Expression of Interest accepting authority on behalf of The Director, RRI also reserves the right to alter the scope/ or reduce quantum of work before issue of work order and the Architects/Architectural firms shall not have any claim whatsoever on this account.
- 1.20. The Expression of Interest accepting authority on behalf of Director, RRI reserves the right of accepting the whole or any part of the Expression Of Interest and the Architects/Architectural firms shall be bound to perform the same at the rate quoted.
- 1.21. Canvassing directly or indirectly, in connection with Expression of Interest is strictly prohibited and the Expression Of Interest submitted by the Architects/Architectural firms who resort to canvassing will be liable for rejection.
- 1.22. The Expression of Interest accepting authority reserves the option to give preferences to the offers in accordance with the policies of the Government from time to time.
- 1.23. The Architects/Architectural firms shall not be permitted to submit Expression of Interest concerned with the works in the Institute responsible for award and execution for which his/her near relative is working. He/she shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Gazetted Officer in the Institute. Any breach of this condition by the Architects/Architectural firms would render them liable for rejection of Expression of Interest.
- 1.24. On award of work, the Architects/Architectural firms shall not be permitted to sublet the work to other firms or specialized agencies /sub-let any portion of work, in full or even part to other Architectural firms, without the prior written consent by the Institute.
- 1.25. The Architect/Architectural firms are permitted to associate with specialized agencies for works such as structural design, public health engineering, electrical, mechanical, High Voltage Air Conditioning works, IT, BMS, Landscape and interior works to a competitive firm after technical evaluation of their firms and with the approval of Raman Research Institute. Entrusting above works

by the Architectural firms without the knowledge of Raman Research Institute will not be accepted by the Institute and their design, if submitted, will be summarily rejected.

- 1.26. The Expression Of Interest so tendered shall be valid for **minimum period of 180 days** from the due date of receipt of the offer specified above. If any Architect/Architectural firms withdraw the offer within the validity period or makes any modifications in the terms and conditions of the Expression of Interest the Institute shall without prejudice to any other right or remedy, their offer will be rejected. Further, the Architectural firms shall not be allowed to participate in the re-tendering process of the work.

Sd/-

**Administrative Officer
Raman Research Institute**

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SECTION I

2.00 PREAMBLE:

The Raman Research Institute is an autonomous research Institute engaged in fundamental research in frontier areas of physics under contemporary research themes. The Institute was founded in 1948 by the Indian Science Nobel Laureate Sir C V Raman and has a rich heritage and scientific legacy. It was restructured in 1972 to become an aided autonomous institute receiving funds from the Department of Science and Technology of the Government of India. In fact, RRI was the first Institution to be funded by the Department of Science and Technology. The institute celebrated its platinum jubilee in 2022-2023 by holding major national and international conferences, launching prestigious named lecture series, and hosting myriad outreach activities. A commemorative postal stamp celebrating the 75 glorious years of the Institute's excellence in science was released at the hands of the Hon'ble Governor of Karnataka Shri. Thaawar Chand Gehlot. The Platinum Jubilee Year also witnessed the Hon'ble Minister of Science Dr Jitendra Singh releasing a special issue discussing landmark scientific results published in collaboration with the prestigious Nature India group of journals.

- 2.01.** At present Raman Research Institute is situated in Sadashivanagar, Bengaluru – 560080 in a campus of 23 Acres. The research at the Institute spans mind-boggling spatial and temporal scales from the very large- galaxies, galaxy clusters and beyond, to the very small – on the scale of atoms; from processes that happen over millions and billions of years to ultrafast process that occur in attoseconds. Since the Institute's founding, scientists and engineers have helmed discoveries in equal measure. The Institute's Electronics and Mechanical Engineering groups have built world-class instruments and telescopes in India and around the world. Of late the existing campus and the areas and facilities are found to be inadequate to accommodate the expanding research activities, which when one thinks about it, is inevitable for a premier research institution with a rich scientific heritage and legacy and

hence a “**Frontier Research Science Laboratories**” is proposed at 1.50 Acres of land at Jalahalli, Bengaluru purchased from M/s. Hindustan Machine and Tools (HMT). Currently, research at the Institute is in frontier niches areas in Astronomy and Astrophysics, Light and Matter Physics, Soft Condensed Matter and Theoretical physics which along with the main campus will be continued in the proposed new campus at Jalahalli, Bengaluru. A very brief overview of the research activities is given below.

Astronomy and Astrophysics: Theoretical astrophysics, observational astronomy, experimental radio and X-Ray astronomy, algorithms and signal processing.

This group undertakes detailed study of the physical, chemical and dynamic properties of celestial objects and phenomena. RRI has a history of excellence in major space missions, such as AstroSat, the first dedicated Indian astronomy mission studying celestial sources in X-ray, optical and UV spectral bands. It has conceived, designed and built POLIX, the first Indian X-ray polarimeter to study high-energy celestial phenomena), launched on ISRO's XpoSat. The institute is looking forward to PRATUSH, a precision radiometer to be placed in lunar orbit to seek subtle signals from the cosmic dawn from the far side of the moon. Terrestrially, from building the country's first millimeter wave telescope to contributing in the design and development of key electronics, RRI researchers have worked on the Murchison Wide field Array, Ooty Radio Telescope, Mauritius radio telescope, Giant Meter wave Radio Telescope and the Square Kilometer Array – the world's largest proposed radio telescope.

Light and matter physics (LAMP): Ultra-cold atoms and molecules, development of quantum-enabled technologies and quantum communications and optics, atom-light interaction and spectroscopy, intense light-matter interactions and attosecond physics.

The group is engaged in research on fundamental properties of electromagnetic (EM) waves and the nature of their interaction with gaseous neutral atoms, ions, condensed matter, and ultra-cold and exotic states of matter. These studies aim to unravel fundamental processes and provide new guiding principles at RRI. The frontline achievements, such as cluster of quantum labs has demonstrated secure quantum communication between two stationary sources,

and between a stationary and a moving source, developed quantum sensing of magnetic field at unprecedented sensitivities using neutral atoms at room temperatures, and uncovered novel quantum physics of laser cooled atoms at ultra-cold temperatures using in-house built apparatus. The Institute's decade long efforts in furthering the knowledge base in fundamental quantum science and its emergent technologies has resulted in RRI assuming leadership roles in the quantum computing and communication verticals of the recently announced National Quantum Mission. Another stream of research is on the optical non-linearity in novel materials and the generation and characterization of laser-produced plasmas as well as investigating atomic and molecular physics using ultrafast and attosecond pulses.

Soft condensed matter physics (SCM): Colloids, complex fluids, liquid crystals, nanocomposites, polyelectrolytes, self-assembled systems, polymers and biological materials.

A fundamental understanding of the structure property correlations, phase behaviour of these systems, and response to external stimuli form major experiments of the group. The institute has made seminal contributions to the field of liquid crystals, colloids, chemistry, biological processes, properties of soft matter. The biophysics lab has devised cost-effective instruments for the diagnosis of diseases, including neurological conditions, based on study of force responses of cells and molecules. The rheology labs have developed and investigated smart and adaptive materials, studied earthquakes and behaviours of soft materials to shear jamming effects.

Theoretical physics: In foundations of quantum mechanics, general relativity, quantum gravity, statistical physics, condensed matter and quantum optics.

The group has forged robust collaborations with experimental groups within RRI. The connection with the LAMP group is in the areas of precision measurements using atomic systems, foundational questions in quantum mechanics, quantum information and quantum sensing and metrology and non-linear quantum dynamics. The overlap with the SCM group is in areas such as biophysics, polymer physics and modelling stochastic search process. RRI theorists have fruitful ongoing collaborations in all the aforementioned areas within India and elsewhere.

- 2.02 It is proposed to build a State of art new Frontier Research Science Laboratories containing the research laboratories for the above facilities.
- 2.03. The work is proposed on 1.50 acres of land purchased by the Institute from HMT Ltd at Jalahalli village, Bengaluru west at about 9.0 km toward west from the existing Institute.
- 2.04. Raman Research Institute will have the following requirements for their Frontier Research Science Laboratories:

• **RESEARCH LAB REQUIREMENTS**

Considering the below technical details, the following areas of laboratories for different disciplines are enumerated. Some of the highly sensitive laboratories shall be accommodated in ground floor with vibration isolation to avoid external disturbance for smooth conduct of experiments. Labs would require EMI isolation as well as temperature and humidity-controlled Air Handling Units. Labs also need water, dry air and vacuum lines in the lab (Refer following Table.1).

Dedicated information on steps taken to quantitatively minimize vibrational, thermal and electrical noise in lab areas should be mentioned.

• **GENERAL REQUIREMENTS:**

1. Director's, Administrative and Accounts office
2. Library
3. Work shop
4. Auditorium for a capacity of 200 persons
5. Lecture halls
6. Supporting staff offices
7. Rest rooms for gents & ladies
8. Residential quarters for essential staff and students
9. Chilling plant
10. Cooling towers
11. Transformer area
12. Electrical panel rooms & DG
13. Canteen
14. Parking facility
15. High Voltage Air Conditioning System with centralized Air Conditioning plant
16. AC pipe lines from AC plant to different facilities with Air handling units dedicatedly required for each facility etc. shall be suitably planned as per requirement of National Building Code (NBC).
17. Sports facilities for students

Table: 1

Sl. No	Department	Proposed lab	Required Space for labs in Sqm	Other specific requirements in Sqm
1	SCM	Fluid Mechanics Lab	50	
2	SCM	Nanoscale-Biophysics lab	100	150
3	LAMP	Quantum Mixture Lab	160	120
4	AA	X-ray Optics lab	200	
5	SCM	Complex Fluid lab	100	
6	SCM	Multiple biophysics Lab	900	
7	TP	Supercomputer Facilities		
8	AA	CMB Lab Annex	250	
9	AA	CMB Lab Annex	250	
10	TP	Lecture/Conference Hall and a small guest house		
11	LAMP	Photonic devices for Quantum Technologies	100	Office space for ten members
12	Director's Office	-	150	
13	Administrative Office		100	
14	Accounts Office		80	
15	Auditorium		200	200 seating capacity
16	Library		300	
17	Electrical Panel & DG Room		As per requirement	
18	Canteen		For 200 meals in two batches	
19	Centralized Air Conditioning plant		200	
20	Residential accommodation for research students		Around 20 students with single occupancy and attached toilet	

2.05 In addition to above the following infrastructure facilities are also required:

2.05.1 Water Treatment Plant.

2.05.2 Sewage Treatment plant / Effluent treatment plant.

2.05.3 Underground sump of capacity 2.00 Lakh litres.

2.05.4 External water supply scheme and Rain Water Harvesting.

2.05.5 Compound Wall.

2.05.6 Site development, drains, Road, Landscape, horticulture etc.

2.06. Approximate built-up area of the facility including all services etc., is **6000 sqm.**

2.07. Estimated cost of the project is Rs. 9000.00 lakhs approximate).

The Frontier Research Science Laboratories may be proposed as a multi-storied facility with a G+3 storeys and with a future expansion for two more floors.

2.08. Raman Research Institute is on the lookout for a reputed Firm of Architects, Planners & Engineers for providing Comprehensive master plan & Architectural, Structural, MEP and other engineering Consultancy Services in the following disciplines:

2.08.1 Architectural design & detailing.

2.08.2 Civil, Structural, Public Health, Electrical, Mechanical / HVAC design and services, Elevators and Firefighting system.

2.08.3 Building Automation, LAN, CCTV, Communication, PA system.

2.08.4 Building interiors and acoustics.

2.08.5 External development, Horticulture and landscape works etc.

2.09. DEFINITIONS:

In this document the following words and expressions have the meaning hereby assigned to them.

2.09.1 “Employer” means the RRI, acting through the Director, RRI.

2.09.2 “Director” means the Director, RRI, Bengaluru

2.09.3 “Applicant” means individual/proprietary firm and firm in partnership.

2.09.4 “Year” means Financial Year unless stated otherwise.

2.10. AIM & OBJECTIVE:

Raman Research Institute proposes to appoint suitable Architectural firm, adopting the following stages:

Stage 1: Present invitation to the Expression of Interest is the first stage, to shortlist suitable reputed Architects, Planners and Engineering Design Consultancy firms.

Stage 2: In this stage, the shortlisted firms shall participate in an architectural design competition and showcase their architectural concept and architectural designs for “Establishment of Frontier Research Science Laboratories at Jalahalli Bengaluru Karnataka” project, walk through, etc., shall also be submitted.

Stage 3: The Architect/Architectural firm whose Architectural concept & design is selected through the architectural competition shall be appointed as Architectural Consultant for providing Comprehensive Architectural and engineering Design Consultancy Services. On concluding the selection of Architects, an agreement shall be drawn with the successful Architectural firm on a non-judicial stamp paper of Rs. 500/-which will be binding on both the parties.

2.11 ROLE OF THE SELECTED ARCHITECTURAL CONSULTANT:

The role of the selected firm is to provide a complete and comprehensive Master plan, Architectural and Engineering designs, drawings and details, for all services required for construction of the Research laboratory buildings and allied services, from the stage of data collection to completion of the building, but not limited to the following:

2.11.1 Space requirements and space planning.

- 2.11.2 Service requirements (area wise) and planning,
- 2.11.3 Structural systems and other engineering services etc.
- 2.11.4 Locating the building in the master plan and providing connectivity to neighboring buildings in the campus.

2.12. The Architect/Architectural firm shall furnish the detailed drawings as follows:

- 2.12.1 All Floor plans, tender documents comprising of GCC, technical specifications, drawings, BOQ and good for construction drawings and details (working drawings) for Architectural – Structural – PH – Electrical – HVAC– Fire Fighting – LAN – PA system- Building Automation - CCTV - interior works – external development and Horticultural works, etc.
- 2.12.2 **Sections and Elevations.** Minimum four sections for each plan and additional sections shall be furnished. If required, to make the facility clear to the users and contractors' additional sections shall be drawn to a suitable scale. Enlarged details at conspicuous points shall be furnished suitably by the Architect.
- 2.12.3 Furniture layout and drawings required for executing the interior works.
- 2.12.4 3D view/model /computer walk through etc.
- 2.12.5 Internal & external finishing details with area chart.
- 2.12.6 Integrated drawing showing all services in drawings such as Reflected Ceiling Plan (RCP) and Co-ordinated Drawing (CD) showing all the services.
- 2.12.7 Co-ordination with various construction and engineering service providers.
- 2.12.8 Submission of Completion report and as built drawings of architectural and all other engineering services, etc.
- 2.12.9 Architects/Architectural firms are permitted to incorporate various makes of materials of prevailing and advanced categories. Before incorporating various materials, approval from the Raman Research Institute shall be duly obtained to avoid cost implications and cost escalation. So that, project cost will not exceed the proforma cost original submitted by the Architects/Architectural firms.

- 2.12.10 During the course of planning, any revision arises due to mid-course changes by the users, site conditions and changes by Architects himself shall be carried out at no extra cost. If major revisions take place due to Force Majeure, for such revisions additional fee will be paid by the Institute as per the discretion of Director, Raman Research Institute. However, two major revisions, if any, shall be carried out at no extra cost.
- 2.12.11 The cost indicated is approximate. Architect shall furnish budgetary Performa cost indicating design philosophy, detailed technical & material specifications, architectural finishes, proposals for execution of the project etc.

2.13 QUALIFYING REQUIREMENTS:

- 2.13.1 Since architectural concept and design is the prime consideration, reputed Architects / Architectural firms (combined with Structural design / MEP Engineering Consultancy) shall be the main lead for the project. Hence applications from individuals / firms with major exposure to Architectural works will be considered.
- 2.13.2 Architectural and Engineering Design Consultancy firms shall have adequate in-house expertise and experience in planning, designing of architectural, structural, civil, public health, Electrical, HVAC services, lifts and Elevators, Firefighting systems, Building Automation, LAN, Communication, building automation, CCTV, Internal finishing and Interior works, Horticulture & landscaping, etc., required for completing and making the campus functional.
- 2.13.3 Otherwise the Architects may form a consortium of firms / individuals / sub consultants for providing total support and expertise to the requirements of RRI. However, in such a case, consortiums will have to bid through a single Architect / Architectural Consultancy firm which is appointed as the leader of the consortium. RRI will be actively involved in selection of subletting the works mainly services to specialized agencies as per the requirements and approval for appointing specialized agencies shall be obtained from RRI. RRI will deal only with this Single Architect / Architectural Consultancy firm, at all times. This architectural firm will be held responsible

for delivering on all aspects of the project, and extracting results from, as well as providing leadership to all consortium members. This firm will be the one and sole window of communication for RRI.

In case of consortiums, the Lead Architect shall submit all credentials of the expert being considered, for evaluation and approval by RRI.

- 2.13.4 An individual member applying as a sole Architectural and Engineering Design Consultancy firm cannot at the same time be member of any consortium applying for this project. Further a member of any other consortium cannot be a member of another consortium applying for this project.
- 2.13.5 Selected Architectural Consultancy firm shall set up an office in Bangalore with sufficient infrastructure and staff as may be required for proper coordination, project management, supervision, smooth and timely execution & completion of the work.

2.14 ELIGIBILITY CRITERIA:

- 2.14.1 All the eligibility criteria mentioned in the above paras shall be scrupulously followed. Required details indicating the eligibility criteria shall be furnished in the cover-1 enclosing the required documents.
- 2.14.2 Organizational Structure
- 2.14.3 In addition to the above, Architects/Architectural firms requirements shall furnish the details of the staff, their qualification, number of years of experience in the field of planning & design of technical facilities and laboratories for evaluation. Under organizational structure, Architectural firms who are members of Indian Council of Architecture are eligible for participation. They should have a valid working license (not expired) and a valid registration or certificate showing that the company is legally established under the law of Government of India/Respective State. Documents pertaining to Constitution of the Organization & Year of incorporation shall be submitted.
- 2.14.4 Having experience in the field for not less than 15 years from last day of submission of offer. Information about the organization along with names & details of various services in-house or specialized agencies to whom job is proposed to

be assigned & names of Key personnel to be associated with their qualifications & experience to be furnished along with EOI, in relevant formats indicated in the document.

2.14.5 Any entity which has been barred by the Central/State Government, or any entity controlled by them from participating in any project or otherwise, and the bar subsists as on the date of Application, would not be eligible to submit an application, either individually or as member of a Consortium. An Applicant/ Consortium member should, in the last seven years, have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Applicant, nor been expelled from any project or contract nor have had any contract terminated or black listed for breach by such Applicant/ Consortium member by any government and international agencies.

2.15. EXPERIENCE / WORK CULTURE

2.15.1 The applicant shall have experience in planning at least one of the above-mentioned similar works comprises of services like Electrical, HVAC, Water Supply and Sewerage System etc.

2.15.3 Similar assignment means providing, comprehensive master plan / Architectural / Engineering consultancy for planning & designing of Architectural, Civil Engineering, Structural design, Public Health, Electrical, IT works, Air-Conditioning, firefighting, building automation, interior works, horticultural works and other services for **Research Laboratories**. One set of drawings and other details shall be furnished in cover ii for evaluation.

2.15.4 Information regarding work experience to be furnished along with the submission of EOI, as per relevant format Form G indicated in this document.

2.15.5 Empaneled Architect/Architectural firms in the Central Government/State Government shall be given preferences. At the discretion of technical evaluation committee, bonus marks of 5 shall be awarded to such empaneled Architect if they have executed similar nature of work in confirmation with name of the work mentioned above.

2.16 FINANCIAL CAPABILITY

- 2.16.1 The applicant should have an average annual financial turn over (gross) of **Rs. 500 lakhs** consultancy fees during the last **three years** ending on 31st March 2024. This should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.
- 2.16.2 The applicant should not have incurred any loss in more than two years during the last five years ending 31st March 2024 duly certified by the Chartered Accountant.
- 2.16.3 The applicant should not be under liquidation, court receivership or similar proceedings.
- 2.16.4 The applicant should have a minimum solvency of Rs. 15 lakhs certified by his bankers.
- 2.16.5 The applicant should furnish their annual financial statement for the last 3 years in the format prescribed in this document.

2.17 EVALUATION CRITERIA FOR SHORTLISTING OF CONSULTANTS:

For the purpose of short listing, applicants will be evaluated in the following manner:

- 2.17.1 The initial criteria prescribed in the above paras, in respect of organization structure, work culture/experience, financial capabilities, experience of similar class of works completed will first be scrutinized and the applicant's eligibility for the short-listing purpose for the work will be determined.
- 2.17.2 The applicants qualifying in the above initial criteria will be further evaluated by scoring method, cited in Annexure -1, on the basis of details furnished by them in Forms 'A to H' and also based on drawings and other details for one of their best works

2.17.3 **For short listing, the following marks for various attributes are followed:**

Sl. no	Attributes	Maximum marks	Minimum marks required for qualification
1	Organisation structure	10	07
2	Similar works	20	15
3	Quality and Work culture and experience	50	38
4	Financial capacity	20	15
	Total marks	100	75

Architects/Architectural firm shall obtain minimum passing marks and also minimum marks in each attribute mentioned above for qualifying to next stage.

- 2.17.4 Even though an applicant may satisfy the above requirements, the applicant is liable for disqualification if applicant has:
- 2.17.5 Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the pre- qualification document.
- 2.17.6 Record of poor performance such as abandoning work, not properly completing the contract, or financial failures / weaknesses etc.
- 2.17.7 Short listing of the applicants shall be subject to thorough verification of their credentials submitted vide the EOI – Prequalification and inspection of their establishment / similar works carried out / in progress by them, (if necessary) through a Technical Committee of experts to be constituted by RRI.
- 2.17.8 Proposed score matrix is subject to change based on the change in scope of work, if any, at a later date.
- 2.17.8 RRI, however, reserves the right to restrict the short listing (pre qualifying) of firms to any number deemed suitable by it.

2.18. LETTER OF TRANSMITTAL:

Interested Architect / Architectural and Engineering Design Consultancy firms of repute, having similar exposure in designing and execution of research laboratories building & allied blocks are hereby invited to submit their “Expression of Interest” (EOI) for Name of the work: “Establishment of Frontier Research Science Laboratories at Jalahalli Bengaluru Karnataka.”

The applicant should submit the letter of transmittal in the given format and all other forms along with Expression of Interest document by **30th April 2025, 2:00PM**

2.19 AWARD CRITERIA

- 2.19.1 After evaluation of pre-qualification applications received, a list of qualified applicants will be prepared following the score matrix for all the attributes, as indicated in Annexure-1.**
- 2.19.2 Based on the marks matrix and discretion of the committee the number of pre-qualification of Architects / Architectural firms shall be limited to maximum 10 numbers.**
- 2.19.3 Thereafter, short listed (pre-qualified) applicants only would be invited for the second stage for competing in an architectural design competition which would be evaluated by a committee, in the process of selection of Architectural Consultant for the work.**
- 2.19.4 Document containing the Request For Proposal (RFP) will be issued to only those firms who are prequalified vide this EOI.**
- 2.19.5 The architectural firm for providing Comprehensive architectural, structural and other engineering services as well shall be finally selected based on limited design competition by the **QUALITY CUM COST BASIS SYSTEM (QCBS)**, which will be conducted amongst the prequalified architects.
- 2.19.6 A two-bid procedure will be adopted in evaluating the proposals: (a) Technical evaluation (b) Financial evaluation. Committee constituted by RRI will evaluate the technical proposals prior to opening of the Financial Bid and each firm will be ranked using a combined technical and financial score. The technical evaluation will on the basis of

bidders' responsiveness to the requirements specified in the RFP. Further details will be specified in the RFP document to be issued to the shortlisted/prequalified firms.

- 2.19.7 Without being liable for any damages or obligation or assigning any reason to the applicant, **RRI reserves the right to Amend the scope and value of work.**
- 2.19.8 Restrict the short listing of firms to any number deemed suitable by it.
- 2.19.9 Reject any or all of the applicants.
- 2.19.10 At any time before the deadline for submission of applications, the department may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective applicant, modify the Expression of Interest by amendment(s). All prospective applicants who have received the Expression of Interest shall be notified of the amendment(s) in writing by e- mail and/or post, and all such amendments shall be binding on them, and this Expression of Interest along with amendment(s) shall constitute the complete Expression of Interest. The amended Expression of Interest will also be kept on the RRI website.
- 2.19.11 Any effort on the part of the applicant or his agent to exercise influence or to pressurize the employer would result in rejection of his application. Canvassing of any kind is strictly prohibited.
- 2.19.12 For further clarifications on this Expression of Interest, applicants may contact/notify in by e- mail to the following personnel:
Mr. Chethan B S,
Technical Officer - Civil, Estates & Buildings
Phone: 9945599300, Mail id: chethan@rri.res.in
- 2.19.12 Applications complete in all respects along with relevant documents and information in the prescribed format may be submitted in hard copy and also with soft copy of the same in Pen drive in an envelope super scribing **"Establishment of Frontier Research Science Laboratories at Jalahalli Bengaluru Karnataka" to the address given below on or before 30th April 2025, 2:00PM**

The Director,
Raman Research Institute,

CV Raman Avenue, Sadashivanagar,
Bengaluru – 560080.

**NOTICE INVITING EXPRESSION OF INTEREST (EOI) DOCUMENT FOR
PREQUALIFICATION**

**E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/
2024-25/ EOI No.02 dated: 19.03.2025**

SECTION II

INFORMATION & INSTRUCTIONS FOR APPLICANTS

3.0 GENERAL:

- 3.01 Letter of transmittal and forms 'A' to 'H' seeking information/documents are given in Section - III.
- 3.02 All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a 'nil' or 'no such case' entry should be made in that column. If any particulars/ query is not applicable in case of the applicant, it should be stated as 'not applicable'. The applicants are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information shall result in the applicant being summarily rejected. Applications made by fax or Email and those received late will not be entertained.
- 3.03 The application should be type written. The applicant should sign and affix his office seal on each page of the EOI document. Overwriting should be avoided. Corrections, if any, should be made by neatly crossing out, initialing, dating and rewriting. The applicant may furnish any additional information, which is deemed necessary to establish capability to successfully complete the envisaged project. Pages of the prequalification document are numbered. Additional sheets, if any added by the applicant, should also be numbered. All these should be submitted as a package with signed Letter of Transmittal. Superfluous information need not be furnished and no information shall be entertained after submission of EOI document unless specifically called for.
- 3.04 References, information and certificates from the respective clients certifying suitability, technical knowhow or capability of the applicant should be signed by an officer not below the rank of the Executive Engineer or equivalent.

- 3.05 Any information furnished by the applicant found to be incorrect either immediately or at a later date, such Architects/Architectural firms are liable to be rejected and their offer will not be processed further.
- 3.06 The EOI document in prescribed form duly completed and signed should be submitted in hard copy (original) in sealed cover as mentioned in the above paras. The sealed cover super scribed as, **NOTICE INVITING EXPRESSION OF INTEREST FROM ARCHITECTS, E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/2024-25/ EOI No.02 dated: 19.03.2025** shall be sent to the Director, Raman Research Institute, C V Raman Avenue, Sadashivanagar, Bengaluru- 560080, Karnataka, INDIA up to 2.00 p.m. on **30th April 2025** Documents submitted in connection with EOI will be treated confidential & will be the property of the Raman Research Institute.
- 3.07 RRI reserves its right not to respond to any question raised or provide clarification sought in its sole discretion other than in pre-bid meeting.
- 3.08 The discretion and decision of Director, RRI, Bengaluru, in respect of the 'EOI', shall be final and shall not be open to be challenged in any Court of Law.

3.10 FINAL DECISION-MAKING AUTHORITY:

Director, RRI reserves the right to accept or reject any application and/or to annul the selection process and reject all applications at any time without assigning any reason or incurring any liability to the applicants.

3.11 PARTICULARS:

The particulars of the project given in Section-I are indicative only and subject to change and may be considered only as advance information to assist the prospective applicant.

3.12 ORGANIZATIONAL STRUCTURE:

The applicant should have sufficient number of architects, structural Engineers and other specialist professionals. The applicant shall submit a list of key professionals stating clearly how they would be deployed in this project. The in-house capability of the firm should be brought out clearly indicating the disciplines for which the firm would like to take

consultancy from consortium members / sub consultants, if any. All such consortium members, sub consultants shall also furnish the details required.

Those applicants, who satisfy the above requirements, are liable to be disqualified if they have: -

3.12.1 Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the EOI document.

3.12.2 Record of poor performance such as abandoning project, not properly completing the assigned project, or financial failures/weaknesses etc.

3.13 INFORMATION TO BE GIVEN IN THE REQUIRED FORMATS:

Applicant should furnish the following:

3.14 ORGANISATION STRUCTURE

Applicant is required to submit the following information in respect of his organization (Section III- Form - 'A' to 'D').

3.14.1 Name & postal address, Telephone & E-mail Number etc.

3.14.2 Year of establishment and commencement of practice.

3.14.3 Copies of original documents defining the legal status, place of registration and principal places of business.

3.14.4 Name & title of Directors and Officers to be concerned with the project, with designation of individuals authorized to act for the organization.

3.14.5 Information on any litigation in which the applicant was involved during the last seven years including any current litigation.

3.14.6 Authorization to employer to seek detailed references.

3.14.7 Number of architects and other technical professionals, in present company, indicating their deployment in the proposed work as in relevant formats enclosed in section – III.

3.15 LIST OF PROJECTS

- 3.15.1 List of similar assignments / projects successfully completed works during the last seven years and ongoing works as per formats enclosed in Section III – Forms ‘E’, ‘F’. Relevant Agreement/Work order copies are to be furnished in support of the same.
- 3.15.2 Performance of applicant for each work completed in the last seven years and works on hand should be duly authenticated/certified by an officer not below the rank of Executive Engineer or equivalent, in the prescribed format in Section III - Form ‘G’, and furnished separately for each work completed or in progress.

3.16 LETTER OF TRANSMITTAL

The applicant should submit the letter of transmittal attached with the ‘EOI’ document.

- 3.17.** Evaluation of EOI shall lead to short listing of some parties for issue of invitation for participation in the architectural design competition, which is the next step in the process of selection of Architectural Consultant to provide Comprehensive Architectural Consultancy Services.

3.18. DISCLAIMER

The information in this document has been prepared to assist the Architects/Architectural firm in preparing the non-binding EOI and it is clarified that:

- 3.18.1 It does not constitute an invitation to offer or an offer in relation to the transaction.
- 3.18.2 This document does not constitute any contract or agreement of any kind whatsoever.
- 3.18.3 This document does not purport to contain all the information that the interested Architects /Architectural firms and their advisors would desire or require in reaching decisions as to the requirement. Interested Architects/Architectural & Structural engineering firms should form their own view as to what information is relevant to such decisions and make their own independent

investigations in relation to any additional information.

- 3.18.4 Neither the information in this document nor any other written or oral information in relation to the requirement or otherwise is intended to form the basis of or the inducement for any investment activity or any decision to enter into any contract or arrangement in relation to the transaction and should not be relied on as such. Neither RRI nor their employees or advisors shall be liable to any interested party or any entity under any law including the law of contract, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expenses or damage which may arise, or be incurred, or suffered, in connection with this document, or any matter that may be deemed to form part of this document, or any other information supplied by or on behalf of RRI or their employees or advisors or otherwise arising in any way from the selection process mentioned herein.
- 3.18.5 RRI is not bound to accept any or all the EOIs. RRI, Bengaluru, reserves the right to reject any or all EOIs without assigning any reasons. No applicant shall have any cause of action or claim against RRI, or its officers, employees, advisors, agents, successors or assignees for rejection of this EOI.
- 3.18.6 Failure to provide information that is essential to evaluate the applicant's qualifications or substantiation of the information supplied, shall result in rejection of the applicant.
- 3.18.7 It shall not be assumed that there shall be no deviation or change in any of the herein mentioned information. While this document has been prepared in good faith, neither RRI, Bengaluru, nor any of their respective officers or employees or advisors or agents make any representation or shall have any responsibility or liability whatsoever in respect of any statements or omissions here from. Any liability is accordingly expressly disclaimed by RRI, Bengaluru or any of their respective officers, employees, advisors or agents, whether negligent or otherwise.

3.19 METHOD OF APPLICATION:

- 3.19.1 If the applicant is an individual, the application shall be signed by Architects/Architectural firms above in full typewritten name and current address.
- 3.19.2 If the applicant is a proprietary firm, the application shall be signed by the proprietor in full typewritten name and the full name of the firm with its current address.
- 3.19.3 If the applicant is a firm in partnership, the application shall be signed by all the partners of the firm above their full typewritten names and current addresses or alternatively by a partner holding power of attorney for the firm. In the latter case a certified copy of the power of attorney should accompany the application. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should accompany the application.

3.20 SITE VISIT:

The applicant is advised to visit the site of work, at his own cost, and examine it and its surroundings by himself, collect all information that he considers necessary for proper assessment of the prospective assignment.

3.21. MEMO TO PARTICIPATING FIRMS:

3.21.1 EXAMPLE OF EOI REJECTIONS:

EOI's have been rejected at the submission stage itself when found to be technically noncompliant due to errors in presentation and failure to strictly follow the Expression of Interest instructions. The Expression of Interest contains detailed instructions for preparation and submission that need to be followed carefully. Below are some of the most common examples of EOI rejection by Evaluation Committees. Bidders are urged to carefully check their EOI before submission in order to conform to each and every point listed below and the instructions as detailed in the Expression of Interest:

- 3.21.2 Late submission: The EOI is submitted after the deadline for submission, either by hand or by courier. Time shall be strictly respected if EOI is delivered on the last day.
- 3.21.3 EOI not submitted to the correct physical address.
- 3.21.4 The EOI not properly signed as per instruction in the call for Expression of Interest.
- 3.21.5 Insufficiency of documents submitted: The applicants may note that all information sought in Forms A-H shall be submitted in the prescribed formats.
- 3.21.6 Documents submitted are not in English. Documents such as the registration of the company/firm or concerning financial information about the firm/company shall be submitted in respective country language but a translation in English must be also provided, along with the respective country document.
- 3.21.7 Documents provided are not directly addressing each and every point of the evaluation criteria

3.22. FIRM'S RESPONSIBILITY BEFORE PROPOSAL SUBMISSION:

- 3.22.1 The applicant shall be responsible for all the costs associated with the preparation of the Proposal and participation in the selection process. RRI will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the selection process.
- 3.22.2 The applicant shall ensure that the EOI document is complete in all respects and conforms to all requirements indicated in the document.
- 3.22.3 Incomplete EOI document are liable for rejection.
- 3.22.4 Provisions of GFR 2017 with latest amendments and Manual for procurement of consultancy services 2017 would form part of the EOI, unless otherwise specified.

3.22.5 Provisions of latest manual for Central Public Works Department (CPWD) for consultancy services under deposit works shall form part of the EOI unless otherwise specified.

Sd/-

Administrative Officer
Raman Research Institute

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION**

**E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/
2024-25/EOI No.02 dated: 19.03.2025**

**SECTION – III
LETTER OF TRANSMITTAL**

FROM,

TO,

The Director,

Raman Research Institute,

C V Raman Avenue, Sadashivanagar, Bengaluru-560 080

Subject: Submission of pre-qualification application for “**Establishment of Frontier Research Science Laboratories at Jalahalli, Bengaluru, Karnataka**”.

Sir / Madam,

Having examined the details given in EOI Notice and EOI document for the above project, I/we hereby submit the relevant information.

1. I/We hereby certify that all the statements made and information supplied in the enclosed forms ‘A’ to ‘H’ and accompanying statements are true and correct.
2. I/We have furnished all information and details necessary for EOI and have no further pertinent information to supply.
3. I/We submit the requisite certified solvency certificate and authorize Administrative Officer, RRI, Bengaluru to approach the bank issuing the solvency certificate to confirm the correctness thereof of individual, employers, firms and corporation to verify our competence and general reputation.

4. I/We submit the following certificates in support of our suitability, technical know-how and capability for having successfully completed the following projects along with prescribed format:

Sl. No.	Name of work	Certified by/from
1		

- Enclosures:** 1) Forms A to H,
2) Annexures (if any)
3) Company Profile
4) Sample drawings for one of the best works carried out

Signature(s) of Applicant(s) :

Seal of Applicant :

Date of Submission :

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION
E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/
2024-25/ EOI No.02 dated: 19.03.2025**

**SECTION – III FORM – ‘A’
ORGANISATIONAL STRUCTURE**

1	Name & Address of the applicant with Telephone No./Email ID	
2	a. Year of Establishment b. Date & Year of commencement of practice.	
3	Legal status of the applicant (attach copies of original document defining the legal status).	
	Status	
	a) An Individual / Proprietary firm	
	b) Firm in partnership	
4	Names of Directors & other executives with designation	
5	Designation of individuals authorized to act for the organization.	
6	Total No. of professional staff (Inhouse): a) Architects b) Structural Engineers & Quantity Surveyors c) PHE Engineers & Fire Fighting d) Electrical Engineers e) IT Engineers f) Mechanical Engineer / HVAC g) Interior designers h) Landscape Architects and designers i) Construction supervision staff (including Safety Engineer) j) Project Managers and Quality Assurance Engineers	

7	Was the applicant ever required to suspend the project for a period of more than six months continuously after you commenced the planning? If so, give the name of the project and reasons of suspension of project.	
8	Has the applicant or any partner in case of partnership firm, ever abandoned the awarded project before its completion? If so, give name of the project and reasons for abandonment.	
9	Has the applicant for any constituent partner in case of partnership firm, ever been debarred/black listed for competing in any organization at any time? If so, give details.	
10	Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of law? If so, give details.	
11	In which field of Consultancy, the applicant has specialization & interest	
12	Any other information considered necessary but not included above. Certificate of Meritor Grade in any Competition	
a		
b		
c		
13	Enlistment with Government/ Private bodies	
14	Address of local office (in Bengaluru), if any	

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION**

**E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories
/2024-25/ EOI No.02 dated: 19.03.2025**

SECTION-III FORM- 'B'

DETAILS OF IN-HOUSE SERVICE AVAILABLE FOR THE ASSIGNMENTS

Sl. No.	Inhouse Service	Availability of Services (Strike out whichever is not applicable)	Nos. of in-house Staff with experience		
			Experience of 10 years & above	Experience of more than 5years	Experien ce of less than 5years
1	Architecture	YES/NO			
	Architects				
	Planners				
	Architectural Draughtsman				
	3D-Animator				
	Interior Designers				
	Landscape Architects				
2	Structural Engineering	YES/NO			
	Structural Design Engineer				
	Structural Draughtsman				
	Quantity Surveyors				
3	Public Health Engineering	YES/NO			
	PHE/Firefighting Design Engineer				

	PHE Draughtsman				
	Firefighting Engineering	YES/NO			
	Firefighting Design Engineer				
4	Electrical				
	Electrical Design Engineer				
	Electrical Draughtsman				
5	IT Engineers	YES/NO			
	Network Engineers				
6	Mechanical / HVAC	YES/NO			
	Mechanical Design Engineer				
	Mechanical draughtsman				
7	Project management and Construction Supervisory staff	YES/NO			
	Senior PM Engineers				
	Senior Construction Engineers				
	QAQC Engineers				
	Safety Engineers				
	Supervisors				
8	Administration/Support Staff	YES/NO			
	Accounts Officer				

	Admin/Purchase Officer				
	Support Staff				
9	Office Equipment				
	a. Computers				
	b. Plotters/printers				
	c. Scanners				
	d. Photocopier machine				
	e. Laptops				
	f. Video Conference				
	g. UPS				
	h. Diesel Generator				
	10	Software available to be mentioned			

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION**

**E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/
2024-25/ EOI No.02 dated: 19.03.2025**

SECTION-III FORM – ‘C

**DETAILS OF CONSORTIA MEMBERS/SPECIALIZED AGENCIES RELATED TO THE
ASSIGNMENTS AND THEIR EXPERIENCE**

Sl. No	Proposed Associate For	Names & Address of Associates	Years of Experi ence	Years of Association with the Prime Applicant
1	Architecture			
2	Structural Engineering			
3	Public Health Engineering			
4	Electrical			
5.	IT /LAN/Networking			
5	Mechanical, HVAC			
6	Firefighting/Enginee ring			
7	Building Automation, CCTV			
8	Interiors works & acoustics			
9	Landscaping			
10	Project Management, construction supervision			

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION**

**E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/
2024-25/ EOI No.02 dated: 19.03.2025**

SECTION-III FORM – ‘D’

Format of Curriculum Vitae (CV)of Key Professionals

**(This form to be furnished not only by the Prime Architect/Architectural firm
applying for the prequalification, but also furnish separately for each member of
consortium / sub consultants who would be associated with this project work)**

KEYPROFESSIONAL

Name of Firm :

Professional :

Date of Birth :

Years with Firm :

Nationality :

Member ship in Professional Societies:

Detailed Task Assigned :

Key Qualifications :

Education:

Title	Board/University	Grade	Year of Passing

Employment Record:

Name of the Firm	Position Held	Years of Employment

Languages:

Language	Speaking	Reading	Writing

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these bio-data correctly describe my qualifications, my experience and myself.

Date:

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION**

**E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories/
2024-25/ EOI No.02 dated: 19.03.2025**

SECTION-III FORM – ‘E’

**DETAILS OF ALL WORKS OF SIMILAR NATURE OF ASSIGNMENT COMPLETED DURING
THE LAST SEVEN YEARS ENDING LAST DAY OF SUBMISSION OF OFFER**

SIMILAR NATURE OF ASSIGNMENT–COMPLETED WORKS		
(Design Consultancy service)		
Sl. No	Description	1
1	Name of work/Project and location	
2.	Name & Address of Employer /organization, Telephone no. of officer to whom reference may be made.	
a.		
b.	Client	
3.	Cost of work in Rs. Lakhs (Attach copy of contract agreement)	
4.	Date of commencement as per contract	
5.	Stipulated date of completion	
6.	Actual date of completion	
7.	Litigation/arbitration pending/in progress with details	
8.	Service rendered by	
a.	In house teams	
b.	Associated Consultants/Consortia Members	
9.	Names of Project In charge & Key staff & nos. of staff involved.	
NOTE: Work orders and Completion certificates from client shall be enclosed for evaluation.		

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION
E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories
/2024-25/ EOI No.02 dated: 19.03.2025**

SECTION-III FORM-‘F’

**DETAILS OF ALL ON-GOING WORKS OF SIMILAR NATURE OF ASSIGNMENT ON HAND
UNDER EXECUTION**

SIMILAR NATURE OF ASSIGNMENT- ONGOING WORKS			
Sl. No	Description	1	2
1	Name of work /Project and location		
2.	Name & Address of Employer / Organization, Telephone no. of officer to whom reference may be made.		
	A) Client		
3.	Cost of work in Rs. Lakhs (Attach copy of contract agreement)		
4.	Date of commencement as per contract		
5.	Stipulated date of completion		
6.	Anticipated date of completion		
7.	Service rendered by		
	A) In house teams		
	B) Associated Consultants/Consortia Members		
8.	Names of Project In charge& Key staff & nos. of staff involved.		
9.	Any other information		
NOTE: Work orders shall be enclosed for evaluation.			

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION
E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories
/2024-25/ EOI No.02 dated: 19.03.2025
SECTION-III FORM-‘G’**

PERFORMANCE REPORT OF WORKS FROM CLIENTS

1	Name of work/Project & Location				
2	Agreement No.				
3	Date of start				
4	Date of completion				
	i. Stipulated date of completion				
	iii. Actual date of completion				
5	Amount of compensation levied for delayed completion, if any				
6	Performance report				
	j. Quality of work (Planning)	Excellent	Very good	Good/Satisfactory	Average
	ii. Timely furnishing of detail	Excellent	Very good	Good/Satisfactory	Average
	iii. Technical Proficiency	Excellent	Very good	Good/Satisfactory	Average
	iv. Resourcefulness	Excellent	Very good	Good/Satisfactory	Average
	v. General Approach & Behaviour	Excellent	Very good	Good/Satisfactory	Average

Note: 1) Performance reports shall be furnished for minimum three similar works as average of three works will be considered for evaluation.

2) Architects/Architectural firms shall submit performance certificate as per Form-G. In case they submit in the other format not following all the attributes /parameters mentioned in the From-G. For missing attributes, if any, minimum marks will be considered for evaluation i.e., average 1 mark.

Date:

Signature & Seal of

Executive engineer or
equivalent

**NOTICE INVITING EXPRESSION OF INTEREST – DOCUMENT FOR
PREQUALIFICATION OF ARCHITECTS/ARCHITECTURAL FIRMS
E.O.I. Notice No: RRI/BNG/Civil/Frontier Research Science Laboratories
/2024-25/ EOI No.02 dated: 19.03.2025**

SECTION-III FORM- ‘H’

FINANCIAL INFORMATION

- I. Financial Analysis** – Details to be furnished duly supported by figures in balance sheet/profit and loss account for the last three years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (copies to be attached).

Particulars	Financial Year				
	19 -20	20-21	21-22	22-23	23-24
i. Gross Annual turnover on planning works. (Rs. In Lakhs)	Not required	Not required			
ii. Average turnover (Rs. In Lakhs)	Not required				
iv. Profit/Loss					
v. Certified by					

II. The following certificates are enclosed:

- (a) Current Income Tax Clearance Certificate /Profit & Loss account
- (b) Solvency Certificate from bankers of Applicant.
- (c) Copy of the PAN card to be submitted

Signature of Chartered Accountant with seal

Evaluation of Attributes – Annexure – 1

S1 No.	Attributes		Total Score Maximum	Break up for scoring	Minimum Qualifying marks
1	ORGANISATIONAL STRUCTURE	Marks	10Marks		07 Marks
1.1	Status of Organization	02			
	a) An Individual/ proprietary firm			01 mark	
	b) Firm in partnership			02 marks	
1.2	Organizational set up & office locations, Section III- Form “A”	03		3marks	
1.3	Services offered	05			
1.3a	In-house Service for Assignment, Section III - Form “B” with Curriculum Vitae of Professionals, Section III - Form “D”			05marks	
1.3b	Associates’ consortia members related to the Assignment and their Experience, Section III - Form “C” with Curriculum Vitae of Professionals, Section III - Form “D”			03marks	
2	SIMILAR NATURE OF WORKS		20Marks		15 Marks
2.1	One similar work costing not less than 7200 Lakhs	20		20 Marks	
2.2	Two similar works costing not less than 5400 Lakhs	18		18 Marks	
2.3	Three similar works costing not less than 3600 Lakhs	15		15 Marks	
3	QUALITY OF WORK CULTURE & EXPERIENCE		50 Marks		38 Marks
3.1	For design consultancy of completed similar works, Section III – Form “E” – work orders and Completion certificates shall be enclosed	10		10marks	

3.2	For design consultancy of completed similar works, Section III – Form “E” – Drawings submitted of one of their best similar works- Drawings shall be enclosed	15		15marks	
3.3	For design consultancy of ongoing similar works Section III – Form “F” – Work orders shall be enclosed	05		5 marks	
3.4	Performance of works, Section III- Form “G” • Excellent: 4 marks • Very good: 3 marks • Good: 2 marks • Average: 1 mark	20		20 marks	
3.4.1	Quality of work (Planning):			4 marks	
3.4.2	Timely furnishing of detail:			4 marks	
3.4.3	Technical Proficiency:			4 marks	
3.4.4	Resourcefulness:			4 marks	
3.4.5	General Approach / Behavior:			4 marks	
4	FINANCIAL CAPABILITY Section III- Form “H”		20Marks		15 marks
4.1	Average annual turnover (gross)	10		10marks	
4.2	Net profit	05		5 marks	
4.3	Solvency Certificate	05		5 marks	
4.4	Undergone loss in a year within the last five years	-05		(-) 5 marks	
	Total Score		100 marks		75 Marks

- All forms shall be filled in the same format (separate sheet if required) enclosed with this EOI document.**
- Preference will be given for design consultancy of Research Laboratories, both completed and on-going (under Forms E and F) and also Sl. No. 02 above.**
- For short listing (prequalifying), the applicant must score minimum 75% and also minimum marks in various attributes as specified.**
- Architects/Architectural firms shall submit performance certificate as per Form-G. In case they submit in the other format not following all the attributes /parameters mentioned in the From-G. For missing attributes, if any, minimum marks will be considered for evaluation i.e., average 1 mark.**