



BIRDEM GENERAL HOSPITAL

Bangladesh Institute of Research and Rehabilitation
in Diabetes, Endocrine and Metabolic Disorders
(An Enterprise of the Diabetic Association of Bangladesh)

Director General BIRDEM

Approved / Not Approved 24 NOV 2025

Expression of Interest (EOI) for Shortlisting of Structural Engineering Firm/Consultant (As per Public Procurement Act 2006 & Public Procurement Rules 2025)

Head of Procuring Entity: DG, BIRDEM General Hospital.

Name of Organization : BIRDEM General Hospital

Address : 122 Kazi Nazrul Islam Ave, Dhaka-1000.

Phone : 41060501.

Email : dg_birdem@dab-bd.org

EOI Reference No: Birdem hospital Admin/100584/ Procurement/01, Date: 24.11.2025

1. Background & Objectives

The Procuring Entity intends to construct a three-storied (steel-structure based) building with approximately Ground floor- 1,264 sqft, 1st Floor- 632 sqft 2nd floor-2,528 sqft, intended for use as a Bank/Framecy/other facility. As per PPA-2006 & PPR-2025, qualified consulting firms/individual (structural engineers) are invited to submit Expressions of Interest (EOI) for providing structural engineering design, vetting, BOQ preparation, construction supervision, and safety certification services.

2. Scope of Services (TOR Summary)

The selected Structural Engineer/Consulting Firm will be responsible for:

- Structural Design & Analysis : Complete structural analysis of steel-frame building (3 floors). Modeling as per BNBC-2020, AISC, ASTM, and relevant international steel design codes. Seismic & wind load analysis, foundation design, base plate design, and steel member sizing. Preparation of structural drawings, fabrication drawings, reinforcement details, and connection details.
- Construction Documentation Preparation of a detailed BOQ, material specification, technical specifications. Vetting of fabrication shop drawings. Integration with architectural, electrical, plumbing, and fire safety drawings.
- Supervision, Monitoring & Certification Periodic site supervision. Quality assurance & quality control (QA/QC) for steel fabrication and erection. Safety certification after completion.
- Compliance Compliance with PPA-2006, PPR-2025, BNBC-2020, Fire Service Codes, and local authority approval processes.

3. Shortlisting Criteria (as per Rule 98 of PPR-2025) Firms/Consultants must provide:

- Legal Status Valid Trade License, TIN, BIN/VAT Registration, Certificate of Incorporation (if applicable).
- General Experience : Minimum 5 years experience in structural engineering consultancy.
- Specific Experience : Experience in steel-structure multi-storied buildings (at least 2 similar projects).
- Experience in BNBC 2020 compliant structural design.

4. Key Professional Staff :

At least one Graduate Structural Engineer (B.Sc. Civil with Structural specialization preferred).
Membership of IEB (mandatory). Experience in ETABS/SAP2000/STAAD Pro, Tekla, and steel analysis software. Financial Capacity Annual turnover/solvency certificate from bank (if procuring entity wants it).



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5. Availability of Tools & Software Licensed engineering software (ETABS/SAP2000/Tekla).
Submission Requirements Interested consultants must submit:
A cover letter on company/consultant's letterhead.
Company profile / individual CV.
List of completed & ongoing relevant projects. Copies of certificates, licenses, and supporting documents.
6. Method of Procurement The services will be procured following PPR-2008 Rule 72-76 (EOI for shortlisting) and Section 40 of PPA-2006, using the Quality and Cost Based Selection (QCBS) method or SSS depending on approval.

7. Submission Deadline EOI must be submitted on or before:

Date: 29 December 2025.

Time: 10.00 a.m

Place: Room no-230, (Late submissions will not be accepted).

BIRDEM General Hospital.

8. Additional Information Only shortlisted firms/consultants will be invited to submit RFPs. The Procuring Entity reserves the right to accept or reject any or all EOIs without assigning any reason as per Rule 31 of PPR-2008.

9. Contact Information

Procurement Entity:

Brig. Gen. Dr. Md. Nasir Uddin Ahmed (Rtd)

Director Hospital

Organization : BIRDEM General Hospital

Phone: 01754030989

Email : dg_birdem@dab-bd.org

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Distribution:

- i. Director (Admin) , Birdem.
- ii. Director (F & A), Birdem.
- iii. CBE, Birdem.
- iv. PS to DG, Birdem.
- v. Sub-Division (Civil), Birdem.



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REQUEST FOR EXPRESSION OF INTEREST (REOI)

1. For Selection of Structural Engineer for Birdem General Hospital invites EOI from qualified Structural Engineers/Consulting Firms for structural design, BOQ preparation, and construction supervision of a Steel-Structure Based 3-Storeyed Building (GF to 2nd floor Total area : 2,528 sft).

2. Minimum Qualifications:

5 years experience

At least 2 similar steel-structure projects

IEB membership (for individual engineer)

Valid TIN, BIN, Trade License

3. Submission Deadline:

5 December 2025

Address: Room no- 208

BIRDEM General Hospital

The Procuring Entity reserves the right to accept or reject any or all EOIs.

Procuring Entity

Brig Gen Dr Md Nasir Uddin Ahamed (Retd)

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Email : brignasir584@gmail.com