PROJECT REQUIREMENTS

1. SCOPE OF WORK

Structural Engineer shall perform all work necessary to produce a complete structural analysis of exterior facade and to recommend all the repairs to be carried out on existing structure for strengthening based on the survey and test. This shall include, but is not limited to:

- Site survey and analysis of the existing structure. On basis of structural survey, test reports and observation determine the safety and integrity of the structure/cladding. Submit the report (including test performed on the structure and their conclusions) specifying required strengthening designs and repair methods with supporting calculations.

- Contractor shall provide the temporary 6’-0” high barricading fabricated with GI sheets with self-supporting system to block the area from pedestrian and vehicular movement per site condition during carrying out any structural test.

- This is an operational building and approx. 400-500 visitors/student visit the building daily. The phases of the testing shall be designed in such a manner that is shall not impede the operation of the building. Structural engineer shall submit a phasing plan within 10 days after getting the purchase order for approval. If there is any change in the phasing during progress of work, the contractor shall submit a revised phasing plan to COR for approval.

- All the material, labor, tools, equipment, personal protective equipment etc. will be provided by the contractor to complete the job as described above.

Requirement:

- Structural engineer shall survey the site and conduct the tests if required.
- Report discovered threatening life safety damages immediate to the COR with recommendations for any removals, and/or stabilizations.
• Structural engineer shall provide observation / conclusion report on the basis of tests conducted on the site. The report shall include the present condition of the cladding and its durability for future.

• After reviewing the test report the structural engineer shall provide detailed technical scope of work and material specifications for strengthen the cladding. During the inspection, if any damage occurs to building, contractor is responsible to repair the same.

• Provide detailed drawing for strengthen mythology along with the number of days required to complete job.

• Structural engineer shall be responsible to answer any inquiries received from OBO as well as contractors.

• Structural Engineer shall submit all the replies to review comments received from OBO in writing along with the supporting documents within 7 days after submission comments.

• Structural Engineer will be fully responsible for the entire design.

• Structural Engineer will be fully responsible to provide estimated cost of proposed project for repairing.

• Provide list of specialized contractors have the abilities to do the project.

2. SUBMITTALS

• All submittals must be of a quality to achieve this result. The Contractor shall perform its services in accordance with professional standards of skill, care, and diligence adhered to by reputable, first class firms performing services of the same or similar nature for facilities of similar complexity. The contractor’s design shall conform to generally accepted engineering practices and the approved design criteria.

3. SECURITY

• All documents received or generated under the contract are the property of the U.S. Government.
• All documents are to be controlled and disseminated on a need-to-know basis. Reproduction and distribution is prohibited without express approval of the U.S. Government. The contractor shall mark all design and construction documents as follows:

WARNING

• This document is the property of the United States Government. Further reproduction and/or distribution are prohibited without the express written approval of: The Contracting Officer, US Consulate, Kolkata.

4. RELEASE OF INFORMATION

• All data furnished to the Contractor and data developed in connection with the project shall be considered privileged. The contractor shall not make public announcements, including news and press releases; these are the prerogative of the Contracting Officer.

5. GENERAL CONDITIONS OF CONTRACT.

1 General

a. Contractor’s staff is subject to such restriction for entry and exit as are required by the Consulate security requirement. Contractor’s staff will be subject to security cleared as required by the Consulate. Contractor shall filled the police check security form (Consulate provided) for each worker, who will be working/accessing inside the American center compound

b. Any deviation from the original contract/scope of work shall be informed to COR before work begins. No additional work will be carried out without a contract modification.

c. Electricity and water will be provided to the contractor free of cost. Electrical connection will be provided at one point. Contractor shall bring his own extension cords with proper wire size with board to connect the any electrical equipment.

2 Responsibilities of A/E Firm
a. All expenses towards mobilization at site and demobilization including bringing in equipment, workforce and materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in the rates quoted by the contractor.

b. A/E firm shall employ and provide one full time supervisor to supervise the project and has experienced of carrying out such type of work.

a. For dismantling/blocking or making connection to any existing services or any shut-down, contractor shall inform the COR at least three working days in advance and proceed with the work only after the permission from the COR.

3. Working Hours

a. Working hours will be 10 hours in a day from Tuesday to Sunday.

4. Security Clearance

Vehicle access - The Contractor shall inform and provide in writing transportation details (vehicle registration number, drivers name and date of delivery) to the COR at least 24 hours in advance for material or equipment deliveries.

5. Safety

a. A/E firm is responsible and shall continue management and implementation of a safety and health program throughout construction.
b. The Contracting Officer and the Post Occupational Safety and Health officer Officer [POSHO] reserve the right to suspend work when and where Contractor's safety and health program is considered to be operating in an inadequate or non-complying manner.

c. A/E firm shall provide all Personal Protective Equipment for the workers as per the requirement of the site. Work will be stopped in case the proper protection equipment is not found with the workers and the lapse of time shall be at the Contractor’s expense.

d. A/E firm will not leave the work site in an unsafe condition or any other condition that might cause injury to personnel, damage to existing work, plants or equipment.

e. A/E will use all safety gadgets e.g. hard hats, cotton gloves and goggles as required on site to avoid the accident.

f. Any equipment or work considered dangerous shall be immediately discontinued.