

Phone : +880-9568278
 Fax : +880-2-9563591
 Mobil : +88-01730013947
 E-mail : pd@urprajuk.com
 helalyrajuk@yahoo.com
 www: rajukdhaka.gov.bd



Project Implementation Unit (PIU)
 Urban Resilience Project: RAJUK
 Part RAJUK Commercial & Car Parking
 Building (8th & 9th Floor), Gulshan-1,
 Dhaka-1212

Rajdhani Unnayan Kartripakkha (RAJUK)

Memo No: 25-39.0000.154-14.024.16/48

June 26, 2016

REQUEST FOR EXPRESSIONS OF INTEREST

“Consultancy Services for Vulnerability Assessment and Prioritized Investment Plan for critical assets in Dhaka” for Urban Resilience Unit (URU)
 (Package No: URP/RAJUK/S-4)

- This request for expressions of interest follows the General Procurement Notice for this project that appeared in UN Development Business online on May 20, 2015. Government of the People's Republic of Bangladesh has received a credit from the International Development Association (The World Bank) in the amount of US\$173.00 million equivalent towards the cost of the Urban Resilience Project (URP) and it intends to apply part of the proceeds of this credit towards payment under the contracts of **Consultancy Services for Vulnerability Assessment and Prioritized Investment Plan for critical assets in Dhaka** that represents the second phase of a multi-phase national DRM program to build institutional capacity to mitigate the impact of earthquakes in the rapidly urbanizing cities of Bangladesh.
- The Bank along with the Government intends to initiate studies for urban resilience, reducing risk in the built environment of Dhaka and dissemination of the public risk reduction and retrofitting program for selected high risky areas throughout the country. The activities will be executed implemented in close coordination with RAJUK which will provide input and actively participate in technical aspects of the study, providing data and guidance to the consultants, review of reports and utilization of methods developed as an outcome of this study.
- Category and Description of Services:**
 The objective of this engagement is to develop the consensus-driven analytical foundation required for longer-term investments to reduce risk in the built environment of Dhaka. It will concentrate on two main activities: i) assessment of the vulnerability and risk of the built environment (including city extensions) in greater Dhaka to earthquakes and floods, focusing on essential and critical facilities, lifelines and infrastructure by means of microzoning studies; and ii) development of a prioritized list of retrofitting and rehabilitation investments to strengthen critical facilities for the critical facilities lifelines and infrastructure in the transport, water and public building sectors.

1. The scope of the services are the following but not limited to:

This engagement aims to identify at-risk public infrastructure, including critical and essential facilities and lifelines (attributes (structural type/age/number of stories) of critical buildings such as schools, hospitals, police stations, religious buildings, fire stations, city halls and government buildings), assess their vulnerability to earthquakes, floods and other hazards and develop a city-wide vulnerability reduction program including priorities and budget required for physical retrofitting/rehabilitation, occupancy change or replacement. The assessment will establish the patterns of vulnerability of the city, identify the hotspots, and serve as a basis for a long term vulnerability reduction in greater Dhaka.

Stage 1: Preparation and Data Collection (Approximate duration 6 months)

- Organization of stakeholders to form a Project Working Group (PWG) and a Project Oversight Committee (POC)
- Exposure data collection including documents research and ground truthing to determine actual field conditions and collecting missing data (e.g., exact locations, building characteristics, etc.)
- Hazards data collection (flood and earthquake)
- Complete list and database of the all critical infrastructure, superstructures and lifelines described in the scope of the services
- Digitization and characterization of exposure data and Preparation of GIS database
- Validation of exposure data with PWG, POC, and relevant data providers and agencies.

Stage 2: Survey for structural vulnerability assessment (Approximate Duration 18 months)

- Development of detailed methodology and framework of survey and assessment studies including the prioritization of the facilities, structures and vulnerable public assets
- Validation of methodology by PWG, POC and other relevant experts and scientists through workshops and consultation and by conducting pilot studies
- Analysis of ground conditions and seismicity and determination of hazard levels for deterministic and probabilistic analyses
- Seismic damage analysis and compilation of seismic microzoning maps;
- Resource mobilization with manpower and equipment, including training of assessors
- Physical survey of all critical and essential facilities and lifelines identified
- Development of a Methodology for Feasibility Studies of Seismic Retrofitting, with technical specifications and testing procedures
- Based on the geographic database, spatial characteristics of natural and social conditions of the Greater Dhaka area to be analysed.
- Update of Dhaka City Risk Profile and Atlas (including seismic catalogue)

Stage 3: Design of long term vulnerability reduction investment plan and related Dhaka Urban Resilience Strategy (Approximate duration 12 months)

- Development of a prioritized list of retrofitting and rehabilitation investments to strengthen critical facilities for the critical facilities lifelines and infrastructure in the transport, water and public building sectors
- Development of options for risk reduction and for achieving long term urban resilience in Dhaka
- Integrating natural resources assessments under a decision-oriented framework,
- Exploring the possibilities for provision of concepts for development/upgrading of the risk maps and emergency preparedness plans
- Define the impacts of disaster sbad climate change on natural resources, agriculture and food security
- Developing public awareness on development and rehabilitation of critical facilities, transportation and road, water and sanitation facilities/infrastrucure and management
- Development of an draft Dhaka Urban Resilience Strategy with a vision statement, specific objectives and goals, elaboration of the outputs and outcomes, constraints and resources, risk factors, safeguards, and monitoring and evaluation indicators.
- Development of investment programs, projects and activities for vulnerability reduction of critical and essential facilities, water systems, gas systems and the transport network with a proposed timeline, milestones, priorities, resources and indicative budget to reflect Urban Resilience Strategy
- Development of Implementation Mechanisms, Monitoring and Evaluation Mechanisms and Mainstreaming Mechanisms and validation by PWG, POC, and relevant agencies and Ministries.

The stages are not fully sequential. They should overlap by approximately six (6) months making a total project duration of 36 months.

- RAJUK now invites eligible consulting firms to indicate their interest in providing above mentioned services. The Consultants should compose of reputable firms having similar experience in building construction sector.
- Interested consulting firms must provide information indicating their qualifications to perform the services. EOIs should include brochures, description of similar assignments, experience in similar conditions, summaries of firm's financial, managerial, HR capability, availability of appropriate skills among key staff with short biographies (one paragraph), availability of physical, financial & human resources, and snapshots of relevant transactional experience. The language of the proposals and all submitting supporting documents will be in English. In case, supporting documents found in other languages must be translated in English language which shall be authenticated by the respective embassy in Bangladesh of the applicant. The EOIs would be reviewed on the basis of the following but not limited to:
 - Country and date of registration/ incorporation (age of firm)
 - Experience of the firm in conducting assignments of similar nature (Similar Nature and/or Complexity including cost and duration of the assignments).
 - Experience of the firm in other areas (Other experience including cost and duration).
 - Availability of professionals with appropriate skills
 - HR structure of the firm
 - Availability of resources (financial)
 - Availability of other resources – logistical and support services of the firm
 - Core expertise and competency in natural hazard and risk assessment and analysis with completed similar urban risk assessment projects. Demonstrated competency in exposure data collection, remote sensing, GIS, vulnerability and seismic risk modeling tools;
 - Etc
- Consultants may associate to enhance their qualifications, but should mention whether the association is in the form of a “joint venture” or “sub-consultancy”. In the case of an association, all members of such “association” should have real and well defined inputs to the assignment and it is preferable to limit the total number of firms including their associates to maximum of 3 (three).
- The consultant will be selected under QCBS method in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers.
- Interested consultants may obtain additional information from the office at the address below during office hours i.e. 0900 to 1700 hours, Sunday to Thursday.
- Expressions of interest (3 copies) must be delivered to the address below by August 25, 2016 within office time (5.00 pm local time). Electronic format of EOI submission will not be accepted.

(Abdul Latif Helaly)

Project Director
 Urban Resilience Project: RAJUK Part
 RAJUK Commercial Complex cum Car Parking Building (Level: 9&10)
 Road No:17,19,20
 Gulshan 1
 Dhaka-1212
 Email: pd@urprajuk.com ,helalyrajuk@yahoo.com
 Website: www.rajukdhaka.gov.bd

GD - 1375



Teaching Career Opportunity

Would you dream to be a model teacher? Are you interested to take teaching profession for career building? Do you take it as a challenge to work at rural areas anywhere in Bangladesh?

The Secondary Education Quality and Access Enhancement Project under the Ministry of Education and funded by the World Bank announces vacancies for 1500 Additional Class Teachers (ACTs) in English Language, Mathematics and Science Subjects (Physics, Chemistry and Biology) up to December 2017. The ACTs vacant positions are available in 561 targeted secondary educational institutions throughout the country. This opportunity will provide you to support and working with the students at rural areas in order to ensure the quality of education and improve the teaching-learning process. The positions will be purely temporary with a possibility to be MPO listed or recruited as regular Subject Teacher.

Minimum requirement to apply:

- ACT for English – Honours in English/Bachelor Degree (pass) covering 300 marks or equivalent credit hr. in English;
- ACT for Mathematics – Honours in Mathematics/Bachelor Degree (pass) covering 300 marks or equivalent credit hr. in Maths;
- ACT for Science Subjects - Honours in Science/Bachelor Degree (pass) covering 300 marks in either of the (Physics, Chemistry and Biology) Subjects;
- Less than 50 marks or CGPA 3 in Scale 5 and 2.5 in Scale 4 holders in graduation level and respective subject need not to apply.
- Existing MPO Listed teacher need not to apply.
- Interested Retired Teachers may encourage to apply.
- Applicant must be a citizen of Bangladesh.

Attractive honorarium packages:

- Candidates with 1st Class/equivalent at graduation level will receive Tk. 25,000.00 per month;
- Candidates with 2nd Class/equivalent at graduation level will receive Tk. 22,000.00 per month.

Application online submission deadline: 21 July 2016.

Hard copy (along with online print copy) submission deadline: 30 July 2016.

Women and alternatively advantaged candidates are encouraged to apply.

For details of job descriptions, application format and procedures to apply please visit <http://www.seqaep.gov.bd/actapplication>. Only short-listed deserving candidates will be contacted. Any kind of persuasion and personal contact to influence at any stage of the recruitment process will be treated as disqualification to compete for the positions.

If you are a deserving candidate please apply.

Dr. Md. Mahamud-Ul-Hoque
 Additional Secretary

&
 Project Director
 SEQAEP, Dhaka.

GD - 1383