



ANDREW M. CUOMO
Governor

Request for Qualifications ("RFQ") for
Community Development Block Grant-Disaster Recovery (CDBG-DR)
Construction Services for the Living Breakwaters Project

RFQ # 201902_071

1. Are the various forms that are required to be submitted as part of the Application to the RFQ counted as part of the 50 page maximum?
A. No, the required forms are not included in the 50-page maximum per Section 3.10 (Submission Format).
2. Can photos or diagrams be included in the Application?
A. Yes, photos or diagrams may be included and would not be counted against the 50-page maximum. Photos can be either in appendices or embedded.
3. Financial Records for the past two year are required to be submitted with the Application. Is this information part of the 50 page maximum? This Financial information is to be considered confidential. How is this confidential information to be submitted as part of the Application?
A. No, financial records are not included in the 50-page maximum. Please refer to Section 3.19 (Proprietary Information) and Section 3.20 (Confidentiality of Information) in reference to confidentiality concerns.
4. RFQ Section 5.5 Key Personnel requires that the Armor Unit and Ecological Unit Placement Equipment Operator (2 required) have 10 years experience in similar work. However, the armor and ecological units specified have not been in existence for 10 years. The company that holds the patent to these units was established in 2010 and it is our understanding that the first application and use of these units occurred in 2018, and only included a very limited number of units. Are you able to revise this criteria?
A. RFQ Section 5.5 requires that the Armor Unit and Ecological Unit Placement Equipment Operator have experience in *similar* work, not *identical* work. Similar work could be work placing marine concrete units in marine environments. Various precast concrete armor units (various trademark shapes as appropriate for protection against wave attack) have been used worldwide for breakwater construction for decades. The US Army Corps of Engineers (USACE) uses various concrete armor units (CoreLoc , Dolos, etc.) in its breakwater projects. Many other shapes are

used in breakwaters for protection against waves (Xblocs, Accropodes, Antifer Cubes, etc). See the USACE Coastal Engineering Manual. It is up to the Respondent to provide a sufficient description of the Operators' experience so that GOSR can determine whether or not the work is similar to that required in this project. Experience with individual placement of rock armor and concrete armor units for protection against wave attack in breakwaters is required. Placement experience for light duty erosion control / scour applications (e.g. A-jacks, mattresses, bulk placements on riverbanks, etc) will not be considered applicable experience.

5. Can the Topographic Survey Chief (TSC) and Hydrographic Survey Chief (HSC) roles be filled by the same person if they have the qualifications identified in the RFQ?

A. Yes, the roles can be filled by the same person as long as the person has all required qualifications/certifications for both roles.

6. Are you able to further describe the role and responsibility of the Dive Team Leader?

A. The successful execution of the project by the Contractor may require a dive team to assist in the special placement and survey verification of ecological concrete units and/or armor stone during the construction of the breakwaters. The Dive Team Leader would be responsible for the management, direction, and safety of all dive operations performed by the successful Contractor. If the RFQ respondent will employ alternate means and methods to construct and verify the construction of the breakwaters, please explain in detail in the method statement. The Contractor will be required to adhere to all USACE EM-385 requirements for all dive team activity.

7. This project requires a Good Faith Effort to achieve HFTC/GOSR goal of 30% to New York State Certified M/WBE Enterprises. Due to the specific nature of this work, including the required experience of the Key Personnel, specialized equipment and construction means required, demonstration of experience constructing similar projects, the opportunities for subcontracting are very limited. It will be very difficult to achieve the goal of 30% participation of M/WBE enterprises. Will consideration be given to modifying this requirement?

A. The M/WBE goal is a state requirement and cannot be modified for this procurement. A waiver may be granted at the end of the contract if proper documentation of Good Faith Efforts outreach is provided.

8. Section 5.6 (Key Equipment) of the RFQ requires providing anticipated rates for placement of various materials. This cannot be provided without the actual quantities of the various materials listed. The quantities at each breakwater will dictate the size and number of pieces of equipment required. Are you able to provide the quantities?

A. See estimated quantities on the table below (page 7).

These estimated quantities are based on the 100% Design as described in the documents included in this RFQ. Please note the attached chart is to be used for scheduling and labor productivity estimates,

not pricing purposes. A detailed schedule of values will be included with the Invitation For Bids (IFB) documents that will be used for the actual preparation of bids.

9. Please clarify the responsibility for the Professional Engineer's certification of the precast Armor Units and precast Ecological Units.

A. A licensed Professional Engineer is required to provide the design calculations and shop drawings to support the fabrication of the Ecological Units in accordance with GOSR's specifications. These documents and drawings shall be signed and sealed in accordance with Title 8, Article 145 of the Education Law of New York, Professional Engineering, Land Surveying and Geology. In addition, and absent a permanent quality control department at the precast concrete producer, an independent testing agency must provide a report attesting to the capability of the precast concrete producer and this report must be signed by a licensed professional engineer. These requirements are included in sections 1.04E and 1.06D of the specification for Precast Ecological Concrete (35 32 16-1).

10. The Technical Method statement will contain proprietary information regarding our means and methods of performing the project, and the entire materials procurement process. Can the entire Technical Method Statement portion of the RFQ application be considered confidential?

A. Please refer to Section 3.19 (Proprietary Information) of the RFQ.

11. 5.5 (Key Personnel) includes subsection 5.5.1 (Experience and Roles) on page 23 that lists the Stone Materials Control Field Supervisor as requiring 15 Years Total Work Experience and 10 Years In Similar Works Experience. The description for the Stone Materials Control Field Supervisor (SMCFS) in RFQ subsection 5.5.1.9 States that this key person have not less than two years of experience in stone inspection and assessment. It also states that this person shall not be an employee of the quarries providing the stone for this project.

A. The requirement is the following: The Stone Materials Control Field Supervisor is to have, at a minimum, a geology/ geology engineering Bachelors' degree and 2 years of similar stone inspection experience. The years of experience shown in the table in the RFQ are the preferred length of experience and not a minimum qualification. In addition, it is confirmed that Stone Materials Control Field Supervisor should be independent of the quarry and under the direct report of the Prime marine contractor. Please also refer to Addendum #5 issued on March 25, 2019.

12. The stone quarry, which will need to be approved for this project, is responsible for providing rocks that meet all requirements of the specification. They are responsible for all quality control and must certify that all materials meet the specifications? This is the normal procedure for this, as well as all other materials. It will not be cost effective for a stone supplier to ship rocks that will not be acceptable and will need to be returned at the quarry's expense. Please consider eliminating this Key Personnel requirement.

A. The stone quarry is expected to perform sufficient quality control to ensure consistency of the production. Regardless if a stone quarry is approved for use on the project, the successful Respondent

shall be responsible for stone quality control and assurance at the quarry, during transportation and handling, and during placement. The Stone Materials Control Field Supervisor is a required position and is to be employed by the Contractor and cannot be an employee of the quarry.

13. Please confirm the Lobbying Inquiry & Conflict of Interests documents are required to be submitted with the RFQ OR are these required with the bid (at a later date).

A. No forms or certifications of a potential conflict of interest or lobbying are required unless a firm feels a conflict currently or may potentially exist. If there is any conflict of interest or lobbying concerns please refer to Section 3.9 (Conflicts of Interest) of the RFQ.

14. Per note on Attachment #1, has there been a decision on the reequipments for "additional Maritime/ Marine Insurance"? if so, please provide the requirements.

A. The specific requirements for additional maritime/marine and other forms of insurance will be released to the Respondents that are placed on the Pre-Qualified List (PQL) as part of the Invitation for Bids process.

15. The ph requirements for the sand used for the shoreline restoration is greater than typical used for beach replenishment and is more reflective of dunes restoration. Would a lower ph threshold around 7.6-7.8. be acceptable?

A. We anticipate being able to entertain a wider pH range than currently stated in the specification (4-6), however, any sand will need to meet the approval of the NYC Department of Parks and Recreation (NYC Parks) Natural Resources Group's (NRG's), which typically requires pH between 4.5 and 7.5 for shoreline/wetland clean sand. However, since any tidally inundated sand will equilibrate with sea water quickly, 7.5 may not need to be a hard upper limit. The main objective of providing a pH requirement is to make sure the sand does not come from concrete and is not so basic as to be lethal to plants. We anticipate that pH outside the range specified can be handled through the submittal process for sand material which includes an explanation of the sources (see specification 35 20 25, section 1.04B).

16. Is there a license requirement for the "Owner's Elation System" and other digital systems for payment & costs as stated in Section 01.29.00, para 1.04B.

A. GOSR will supply the license and access to the "Owner's Elation System".

17. During site walk thru on March 8th, 2019 it was mentioned that any items on the beach can be left in place. Specifically the rubble pile and what appears to be sanitary or storm drain pipe exposed on the beach (see photo). Spec 35.20.25 states it must be removed. If the pipe is to be removed, has this been verified to be no longer in service.

A. The Specifications Section 35.20.25, Part 3, Paragraph A does not require the Contractor to remove any existing items or debris. This section is intended to give the Contractor freedom to decide

if any existing items need to be removed to facilitate work. As stated in this section, any removal shall commence only with Owner's approval, property owner's (NYC Parks) approval, and in accordance with relevant regulations. According to NYC Department of Environmental Protection (DEP) Bureau of Water & Sewer Operations (BWSO), the pipes in question are abandoned watermains and can be removed. However, if they are to be removed, the contractor should ensure there is no pressure in the main before removal.

18. Please confirm there is no project labor agreement required.

A. No, there is no project labor agreement required. The project is subject to Davis Bacon and New York State Prevailing Wages.

19. Please confirm all permits will be in place prior to the start of the project and provide said permits at the bidding phase.

A. Certain construction permits will be the responsibility of the Contractor and will be secured immediately prior to construction, i.e. those from the NYC Department of Parks and Recreation, NYC Small Business Services, and the NYS Office of General Services. The permits from the US Army Corp of Engineers and the NYS Department of Environmental Conservation are being secured by GOSR and are anticipated shortly and must be secured prior to the commencement of work. These permits, if finalized, will be provided to the Respondents on the PQL when the IFB is issued. If not finally secured at that time, a copy of the latest documents submitted to the permitting agencies will be supplied. A copy of the Living Breakwaters Permit Drawings has been submitted to these agencies as part of the Contract Documents. . Please also refer to Addendum #4 issued on March 19, 2019.

20. Please provide shoreline restoration detail for the sand distribution at the tarp sand bags. We assume these remain in place and sand is spread up to and/or adjacent to them.

A. Shoreline restoration may extend up to the toe or exposed face of the existing trapbags to meet the +5.0' berm elevation requirement. The trapbags shall remain in place. Contractor is responsible for a preconstruction survey of the shoreline restoration area per Specification Section 02.21.13 to verify extent of shoreline restoration. There is no specific detail for sand placement / distribution at the trapbags.

21. *Please clarify the requirements for the IDA certifications for the prequalification and provide the required form(s) as needed.*

A. There is no required form. Per section 5.18 (Iran Divestment Act) please see below: Every bid or proposal made to HTFC/GOSR pursuant to a competitive solicitation must contain the following statement, signed by the Respondent on company letterhead and affirmed as true under penalty of perjury:

"By submission of this bid or proposal, each Respondent and each person signing on behalf of any Respondent certifies, and in the case of a joint bid or proposal each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each Respondent is not on the list created pursuant to paragraph (b) of subdivision 3 of section 165-a of the State Finance Law."

