



ANDREW M. CUOMO
Governor

To: Potential Respondents
From: Governor's Office of Storm Recovery
Date: March 25, 2019
Subject: Addendum # 5 – Construction Services for the Living Breakwaters Project, RFQ # 201902_071

The purpose of this addendum is to replace Section 5.5 (Key Personnel) of the Request for Qualifications (“RFQ”) for Community Development Block Grant-Disaster Recovery (CDBG-DR) Construction Services for the Living Breakwaters Project.

5.5 Key Personnel (10 Pages)

The resumes and experience of Key Personnel assigned to this HTFC/GOSR project shall be submitted for evaluation, and shall include the education, work experience, licensure and certification, and other relevant information regarding each staff member.

1.1.1 Experience and Roles

This section shall list, describe, and discuss the need for specific roles and experience to perform required tasks. The Respondent’s labour categories may or may not include all of the eleven (11) titles identified in the chart below. If not all eleven titles are submitted, the Respondent may submit equivalent positions that fulfil the roles described below. If the Respondent chooses to include labour categories not listed below, it must provide at a minimum, a description of the additional labour category, inclusive of the minimum education and experience qualifications, relevance to the scope, and why the additional labour categories are necessary.

The years of experience shown in the table below are the preferred length of experience and not a minimum qualification.

No.	Position	Total Work Experience (years)	In Similar Works Experience (years)	No. of persons
1	General Manager	20	15	1
2	Lead Construction Engineer	15	10	1
3	Site Superintendent	20	10	1



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4	Assistant Superintendent	15	10	1
5	Quality Control Manager	10	5	1
6	Dive Team Leader/Foreman	20	10	1
7	Stone Placement Equipment Operator	15	10	2
8	Armor Unit and Ecological Unit Placement Equipment Operator	15	10	2
9	Stone Materials Control Field Supervisor	15	10	1
10	Topographic Survey Chief	5	5	1
11	Hydrographic Survey Chief	5	5	1

1.1.1.1 General Manager

The General Manager will be responsible for reporting to the Owner. They will participate in contract negotiations and engage the Owner when significant scope or change of work order is needed. The General Manager must have at least ten (10) years of experience in relevant services to public entities (which include federal, state, or local agencies or public authorities within the United States) including, but not limited to, those services outlined in the RFQ.

5.5.1.2 Lead Construction Engineer

The Lead Construction Engineer is on the Contractor's team and will be responsible for all engineering required for the Contractor to perform construction of the works, including temporary works, concrete mix design, setting out of the works, and armor unit production. Lead Construction Engineer shall have a Professional Engineer license for the State of New York and have not less than five (5) years of experience providing similar services.

5.5.1.3 Site Superintendent

The Site Superintendent will be responsible for day-to-day activities on the site, coordinating all tasks and staff to implement the project in accordance with the construction schedule and budget. The Superintendent will also be responsible for attending key meetings, site safety, tracking and reporting progress, and ensuring the quality requirements are met. The Site Superintendent must have a minimum of 10 years of recent experience in heavy construction in a marine environment with work similar to the work described in the Contract Documents.



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5.5.1.4 Assistant Site Superintendent

The Assistant Site Superintendent will be responsible for supporting the Site Superintendent as needed. The Assistant Site Superintendent will have sufficient knowledge of all construction activities to act in the absence of the Site Superintendent. The Assistance Site Superintendent shall have not less than seven (7) years of experience providing similar services.

5.5.1.5 Quality Control Manager

The Quality Control Manager (QCM) will be part of the Contractor's staff and be responsible for preparing and executing the quality control plan for the construction of the project. The QCM will also be responsible for quality monitoring, reporting and auditing. 100% of the QCM's time shall be dedicated to this role. The QCM cannot have dual roles. The QCM shall have not less than five (5) years of experience providing similar services.

1.1.1.6 Dive Team Leader/Foreman

The Dive Team Leader/ Foreman will be responsible for all coordination with the Contractor regarding diving missions, communications and directing the entire dive team. The Dive Team Leader/Foreman will be responsible for diver safety regarding all diving tasks. The Dive Team Leader/Foreman shall have not less than five (5) years of experience providing similar services.

1.1.1.7 Stone Placement Equipment Operator

The Stone Unit Placement Equipment Operator shall be experienced with installation of core material, underlayer and armor stone using floating marine plant. Knowledge and experience in operating a crane or backhoe to lift stone from barges and placing it within the structure, while meeting interlock and coverage requirements, is required. The crane/equipment operator placing the stone, mattress, ecological armor and tide pool units shall have a minimum of 10 years of current experience in stone, mattress, and concrete unit placement in a marine environment.

1.1.1.8 Armor Unit and Precast Ecological Unit Placement Equipment Operator

The Armor Unit and Ecological Unit Placement Equipment Operator shall be experienced with installation of concrete armor units using floating marine plant. Knowledge and experience in operating a crane or backhoe to lift armor units from barges and placing them within the structure while meeting interlock and coverage



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requirements is required. The Armor Unit and Ecological Unit Placement Equipment Operator shall have not less than seven (7) years of experience providing similar services.

5.5.1.9 Stone Materials Control Field Supervisor (SMCFS)

The SMCFS shall be stationed at the quarry and is responsible for coordinating all quality control operations related to stone production. The SMCFS shall be a geologist or geologist engineer (minimum bachelor's degree) with not less than two years of experience in stone inspection and assessment. This person shall not be an employee of the quarries that are providing stone for the project. The SMCFS shall be 100% dedicated to this role and shall not have other duties or obligations. The SMCFS shall train and direct other inspectors in the quarry as required. Refer to Specification Section 353123.13-1.03.E.

5.5.1.10 Topographic Survey Chief (TSC)

The TSC shall be a Registered Professional Land Surveyor in the state of New York. The TSC shall have, at a minimum, a bachelor's degree with not less than five years of experience with Differential Global Positioning System (DGPS) survey, shall have specialized experience and technical competence in the type of work required. The TSC shall be responsible for certifying all survey work and shall coordinate with the Hydrographic Survey Chief. Include data on applicable experience (names and locations of projects), training (names and locations of courses) and education (names and locations of schools, with names addresses and phone numbers of references for verification of each item of data). Refer to Specification Section 022113-1.04.A

5.5.1.11 Hydrographic Survey Chief (HSC)

The HSC shall hold an IHO (International Hydrographic Organization) certificate Category A or is certified by ACSM (American Congress on Surveying & Mapping) or equivalent. The HSC shall have at minimum a bachelor's degree with not less than five years of experience with multibeam survey. The HSC shall be responsible for certifying all hydrographic survey work, preparing error budget analyses and confidence checks for positioning and depths, preparing progress and survey reports, and shall oversee the hydrographic work of all operators, engineers, technologists and technicians. Include data on applicable experience (names and locations of projects), training (names and locations of courses) and education (names and locations of schools, with names



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addresses and phone numbers of references for verification of each item of data). Refer to Specification Section 022113-1.04.B.

1.1.2 Staffing Plan

A staffing plan to demonstrate how the Respondent intends to staff the project is to be submitted and should include the following, at a minimum:

5.5.2.1 Key Personnel: List of key personnel proposed for key positions. Include curriculum vitae that demonstrate experience for the designated position, and educational qualifications. This section would include the roles and positions from the table above and any additional labour categories.

1.1.2.2 Organization Chart:

5.5.2.2.1 Chart of overall management structure proposed by contractor, designating individuals for each position.

5.5.2.2.2 Chart of contractor proposed on-site organization.

1.1.2.3 Labour Schedule: Estimated monthly labour schedule by employee classification.

1.1.2.4 Accommodation: Accommodation requirements by month

1.1.2.5 Shifts: Planned shift arrangements to take account of local laws, contract conditions and fatigue management

1.1.2.6 Hours of Work: Planned hours of work

1.1.2.7 Recreation Leave

1.1.2.8 Planned rest and recreation schedule

1.1.2.9 Supervision during absence of key staff

1.1.2.10 Health and Safety Plan: Detailed plan specifically tailored to the unique aspects of the Project

1.1.2.11 Labour Sourcing

1.1.2.12 Commitment to comply with NYS DOL Employment Requirements and Contract requirements regarding labour sourcing

1.1.2.13 Source of labour for experienced key positions such as equipment operators, leading hands and foremen



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It is the sole responsibility of Respondents to periodically review the GOSR website for regular updates to the RFQ and other important information which may alter the terms or requirements of this RFQ. All other terms and conditions in the RFQ remain unchanged.