

Design and Construction – Work Plan

Design and construction projects shall, at a minimum, involve the following tasks:

Task 1: Project Initiation Meeting

The Contractor, the Department, and any partners responsible for managing the project, shall hold an initial meeting to review and agree upon the project scope and schedule, project requirements, roles and responsibilities, the selection process for procuring consultants, State Environmental Quality Review Act (SEQRA) compliance requirements, MWBE requirements, ADA requirements, the number of public meetings and techniques for public involvement proposed for the project, and any other information which would assist in project completion. In addition, the composition of a project advisory committee shall be discussed during the project initiation meeting. The Contractor, or a designated project partner, shall prepare and distribute to all project partners a brief meeting summary clearly indicating the agreements reached at the meeting. Work on subsequent tasks shall not proceed prior to Department approval of the proposed approach as outlined in the meeting summary.

Products: Project initiation meeting held with appropriate parties. Written meeting summary outlining agreements reached.

Task 2: Project Advisory Committee

The Contractor shall establish a project advisory committee to oversee all aspects of the project in cooperation with municipal officials and the project consultant(s), if applicable. The committee shall be representative of project stakeholders, including representatives of State and municipal agencies with jurisdiction over project activities or the project area, and non-governmental and community-based organizations. A draft list of proposed members shall be circulated to the Department for review and approval prior to establishment of the committee.

Products: Draft and final list of proposed members of project advisory committee. Project advisory committee established.

Task 3: Procurement of Consultant (if applicable)

The Contractor shall draft a Request for Proposals (RFP) or similar instrument, including a complete project description with site conditions, expected final results, a schedule for completion, MWBE requirements, and criteria for selecting a preferred proposal. Consultant services requested shall include all applicable tasks, activities and responsibilities outlined in the "Project Components" section of this work program. To demonstrate good faith actions to achieve MWBE contract participation goals, the Contractor must actively solicit proposals for contracts and subcontracts from qualified State certified MWBEs which can be identified using the NYS Directory of Certified Firms (<https://ny.newnycontracts.com/>). The Contractor must retain records of the procurement process including direct solicitation to MWBEs and the results thereof and maintain records of actions that its subcontractors have taken toward meeting MWBE contract participation goals.

The Contractor shall submit the RFP or similar instrument to the Department for review and approval prior to release for solicitation of proposals.

Products: Approved RFP or similar instrument released through advertisement in local papers, the New York State Contract Reporter, or other appropriate means. Documentation of procurement including direct solicitation to MWBEs and actions taken toward meeting MWBE contract participation goals.

Task 4: Consultant Selection and Compliance with Local Procurement Requirements

In consultation with the Department, the Contractor and an appropriate review committee shall review all proposals received as a result of the RFP. At a minimum, the following criteria are suggested for use in evaluating consultant responses:

- Quality and completeness of the response.
- Understanding of the proposed scope of work.
- Applicability of proposed alternatives or enhancements to information requested.
- Cost-effectiveness of the proposal.
- Qualifications and relevant experience with respect to the tasks to be performed.
- Reputation among previous clients.
- Ability to complete all project tasks within the allotted time and budget.
- Ability to satisfy MWBE requirements.

Incomplete proposals that do not address all of the requested components should not be accepted for review and consideration.

NYS Department of State requires a licensed professional engineer, architect or landscape architect licensed to practice in New York State for preparation and certification of final designs and construction documents, and for supervision of construction.

The municipal attorney, chief legal officer or financial administrator of the municipality shall certify in writing to the Department that the Contractor fully complied with applicable provisions of General Municipal Law and with local procurement procedures.

The Contractor's procurement record and consultant selection are subject to approval by the Department.

Products: Consultant(s) selected and approved by the Department. Written certification of compliance with procurement procedures.

Task 5: Subcontract Preparation and Execution

The Contractor shall prepare the draft subcontract(s) to conduct project work with the selected consultant(s). The subcontract(s) shall contain a detailed work plan with adequate opportunity for review at appropriate stages of product completion, a payment schedule with payments tied to receipt of products, and project costs. The subcontract(s) shall specify the composition of the entire consultant team, including firm name and area of responsibility, firm expertise, and those professionals from the consultant team or consulting firm that will be directly involved in specific project tasks including how the identified MWBE goals will be satisfied. The Contractor shall submit the draft subcontract(s) to the Department for review of the subcontract work plan for alignment with the appropriate tasks of the work plan as set forth in Attachment C of this contract. The Contractor shall incorporate the Department's comments on the subcontract work plan, or scope of services, prior to execution of the final subcontract(s). The Contractor remains responsible for the legal sufficiency of the subcontract in accordance with the requirements in the Master Grant Contract and Attachment A-1.

Products: Draft and final, executed consultant subcontracts.

Task 6: Project Advisory Committee Meetings

In consultation with the Department, the Contractor shall hold a second project meeting with the consultant(s), and Project Advisory Committee, to review project requirements, site conditions, and roles and responsibilities; identify new information needs and next steps; and transfer any information to the consultant(s) which would assist in completion of the project.

The Project Advisory Committee shall meet regularly over the course of the project to guide project development and review findings and documents. Following each meeting, the consultant(s) shall prepare and distribute a brief meeting summary including attendees, main topics discussed, decisions agreed upon by committee, and action items.

Products: Project Advisory Committee meetings. Written meeting summary of each meeting.

Task 7: Site Reconnaissance and Schematic Designs

A. Site Reconnaissance

The Contractor or its consultant(s) shall conduct site-specific reconnaissance, in preparation for design. Work may include, at a minimum, identification and mapping of the following:

- Site survey showing extent of project boundary
- Ownership/grant/lease status of all lands to be incorporated into the design
- Manmade structures, buildings, or facilities on or adjacent to the site
- Above and below ground infrastructure, including stormwater treatment structures
- Transportation/circulation systems (truck, car, bus, ferry, train, pedestrian, bicycle, etc.) that serve or are located near the site
- Adjacent land and water uses
- Historic and archeological resources
- Soil and, as appropriate, core sampling to determine site stability
- Topography and hydrology
- Natural resources, including location of mature trees
- View corridors
- Zoning and other applicable designations
- Analysis of site constraints, needs and opportunities

Products: Map(s) and written summary describing the above information and any other appropriate information identified during the project initiation meeting. Maps and relevant data and information, submitted in either ArcGIS format, or similar product acceptable to the Department.

B. Schematic Designs

The Contractor or its consultant(s) shall prepare alternative schematic designs of the facility or facilities, considering and including a summary of the following, as applicable:

- Best management practices to be employed to avoid or reduce water quality impairments from upland runoff or in-water activities, and
- Impacts, if any, to state-designated Significant Coastal Fish and Wildlife Habitat areas, Scenic Areas of Statewide Significance, other Coastal Management Program special management areas, or other sensitive resources, and how those impacts should be avoided or mitigated.

In consultation with the Department and the project advisory committee, the Contractor shall select the preferred schematic design~~s~~ as the basis for final design and engineering/construction plans and specifications, or shall work with the consultant(s) to develop a final schematic design incorporating elements of or building upon the alternative schematic designs. The Contractor or its consultant(s) shall prepare design, architectural, landscape architectural, or engineering construction plans and specifications based on the selected schematic design.

Products: Preferred schematic designs.

Task 8: Public Meeting

In consultation with the Department, a public information meeting shall be conducted to solicit public input on the schematic designs to assist in selecting a preferred alternative. A written summary of public input obtained at this meeting shall be prepared and provided to the Department for review and comment.

Products: Public information meeting held. Minutes/Summary of meeting prepared including any presentations or handouts and submitted to the Department.

Task 9: Construction Requirement Analysis

The Contractor or its consultant(s) shall prepare an analysis of all federal, state and local requirements for the selected schematic design alternative, including necessary permits, reviews, and approvals, and a description of how these requirements will be satisfied by the design. This analysis shall be submitted to appropriate project partners and the Department for review. A pre-permitting meeting with the Department and the identified federal, state and local entities may be required to discuss any revisions needed to satisfy regulatory requirements. Work on final design shall not proceed prior to the Department approval of the construction requirement analysis and the pre-permitting meeting, if necessary.

Products: Written construction requirement analysis. Pre-permitting meeting with identified entities.

Task 10: Environmental Quality Review

The Contractor or its consultant(s) shall prepare all documents necessary to comply with the State Environmental Quality Review Act (SEQRA) through determination of significance. If a positive declaration is made, a Draft Environmental Impact Statement shall be prepared.

Products: SEQRA documents and, if necessary, a Draft Environmental Impact Statement.

Task 11: Design Development

The Contractor or its consultant(s) shall prepare draft and final designs based on the selected schematic design. The designs shall include all required maps, tables, data, written discussions, and other information identified in the contract and subcontract work plans and during the project initiation meeting. The designs shall be provided to the Department and the project advisory committee for review at least two weeks prior to the due date for comments. Department comments must be addressed to the satisfaction of the Department in subsequent revisions of the products and the final design.

Products: Draft and final designs and supporting materials.

Task 12: Certified Construction Documents

The Contractor or its consultant(s) shall prepare the final construction drawings, plans, specifications, and cost estimates. The final construction documents shall be provided to the Department and the project advisory committee for review at least two weeks prior to the due date for comments. Construction shall not commence prior to addressing the Department's comments. Final construction documents must be certified by a licensed professional engineer, architect or landscape architect and the appropriate seal must be affixed to these documents.

Products: Final construction documents, certified by a licensed professional engineer, architect or landscape architect.

Task 13: Permits

After the final design and construction documents have been approved by the Department, the Contractor or its consultant(s) shall prepare the necessary permit or other approval applications and obtain the required permits or approvals. A pre-application meeting with the Department and the appropriate federal, state and local regulatory authorities may be required to discuss the necessary permit or other approval applications. Prior to filing, the Contractor or its consultant(s) shall submit all applications to the Department for review and comment.

Potential permitting and approval agencies include:

- federal agencies such as the United States Army Corps of Engineers;
- the Department, pursuant to the consistency provisions of the federal Coastal Zone Management Act;
- other New York State agencies such as the Department of Environmental Conservation; the Office of General Services pursuant to the Public Lands Law, or similar authorization from the Power Authority (in certain areas of the St. Lawrence Seaway) or Canal Authority (in the State Canal System), in order to use or occupy certain State-owned lands or waters overlying those lands; and the Office of Parks, Recreation, and Historic Preservation or the State Historic Preservation Officer; and
- agencies of a county, city, town, village, or special purpose district, including: town boards, boards of trustees, or city councils; planning commissions, boards or departments; and/or building or health officials.

Prior to construction the Contractor or its consultant(s) shall also demonstrate that the project is in compliance with 6 NYCRR Part 502, "Floodplain Management Criteria For State Projects" by obtaining a floodplain development permit, if local regulations establish such requirements, or by submitting a signed certification, by an official authorized to enforce local floodplain management regulations, that the project complies with the requirements of the statute.

Copies of all required permits and approvals shall be submitted to the Department upon receipt.

Products: All required permits and approvals received. Written certification of compliance with floodplain management regulations, if applicable.

Task 14: Bid Process and Selection of Construction Subcontractor

After the final design and construction documents have been approved by the Department, the Contractor or its consultant(s) shall prepare and distribute a bid invitation to select a construction subcontractor or subcontractors. The bid invitation shall require the respondents to demonstrate their ability to satisfy any applicable MWBE requirements. Prior to distributing the bid invitation, the Contractor or its consultant(s) shall submit the bid invitation to the Department for review and comment.

The Contractor or its consultant(s) shall select the construction subcontractor(s) from the bid respondents and shall prepare a draft contract or contract(s) to conduct the work with the selected construction subcontractor(s). The contract(s) shall contain a detailed work plan with adequate opportunity for review at appropriate stages of project completion, a payment schedule (payments should be tied to project milestones), the project cost and MWBE requirements. The Contractor must certify to the Department that applicable public bidding procedures of General Municipal Law were followed for the selection of all construction or other subcontractors. To demonstrate good faith actions to achieve MWBE contract participation goals, the Contractor must actively solicit bids for contracts and subcontracts from qualified State certified MWBEs which can be identified using the NYS Directory of Certified Firms (<https://ny.newnycontracts.com/>). The Contractor must retain records of the procurement process including direct solicitation to MWBEs and the results thereof and maintain records of actions that its subcontractors have taken toward meeting MWBE contract participation goals

The Contractor shall submit the draft subcontract(s) to the Department for review and approval, and shall incorporate the Department's comments in the final subcontract(s). A copy of the final, executed subcontract(s) shall be submitted to the Department.

Products: Executed construction subcontract(s). Written certification of procurement procedures. .
Documentation of procurement including direct solicitation to MWBEs and actions taken toward meeting MWBE contract participation goals.

Task 15: Installation of Project Sign

Prior to the start of construction, the Contractor shall install a sign satisfactory to the Department identifying the Department's funding of the project. The project sign shall remain in place for the useful life of the improvements undertaken. To assist communities in fulfilling this requirement, the Department has developed an attractive low-cost informational sign. A Sign Order Form is available upon request from the Department.

Products: Department approved sign design, and photo-documentation that sign is installed in project area.

Task 16: Construction, Construction Management and Site Inspection

After receipt of all necessary permits, the Contractor or its construction subcontractor(s) may begin site preparation and construction work according to the final design and construction documents. The Contractor or its subcontractor(s) shall notify the Department monthly (or more frequently) in writing of work progress, including any delays which have occurred. The Contractor or its consultant(s) shall submit periodic payment requests to the Department tied to project milestones identified in contract and subcontract work plans or during the project initiation meeting. After 70%-90% of the work is completed, the progress notification will include a punch list of any incomplete items and an estimated schedule for project completion.

The Contractor, its consultant(s), and/or the Department shall verify progress and completion of the work through periodic site inspections. The Contractor or its consultant(s) shall submit to the Department written

summaries of progress including photo documentation and identification of problems to be addressed based on periodic site inspections.

Products: Written summary of periodic site visits including photo-documentation (pre-construction, during construction, and once the project is completed) and identification of any problems that need to be addressed. Punch list and construction completion estimates.

Task 17: Project Completion

Following satisfaction of punch list items, the Contractor or its consultant(s) shall submit a statement that the work has been completed in accordance with the contract and subcontract(s), the final design and construction specifications, and all permit requirements. The completion statement must be prepared and/or certified by a licensed professional engineer, architect or landscape architect. Unless otherwise specified during project initiation meeting, the Contractor or its consultant(s) shall submit two sets of as-built plans, certified by a licensed professional engineer, architect or landscape architect. When the Contractor is satisfied work is complete, it shall submit a final project report to the Department, including a copy of the completion statement and a copy of the certified as-built plans and photo-documentation in the form of digital images of the site prior to, during and upon completion of work. The Contractor shall not pay its consultant(s) or subcontractor(s) in full, and shall not submit a final payment request to the Department, until the Department concurs that the work is complete.

Products: Statement of completion, certified as-built plans, and final project report including photo-documentation (including the photo's GPS location where available)

Task 18: MWBE Reporting

In accordance with Attachment A-1, Part I, Section M, Paragraph 6, Contractor shall be required to use the New York State Contract System ("NYSCS") to record payments to subcontractors (including a breakdown of payments issued to state-certified MWBE firms) and otherwise report compliance with the provisions of Article 15-A of the Executive Law and regulations in relation to funds used pursuant to this Agreement. Contractor shall be required to submit utilization plans in paper format until such time as submission is made available through the NYSCS and notification of such availability is provided to Contractor by the State. Upon such notification by the Department, Contractor shall submit required utilization plans through the NYSCS. So long as Contractor complies with the reporting requirements stated above in the manner directed by the Department, the requirement of Attachment A-1, Part I, Section M, Paragraph 6 for paper filing of Quarterly Reports shall be waived. Technical assistance for use of the NYSCS system can be obtained through the NYSCS website at <https://ny.newnycontracts.com> by clicking on the "Contact Us & Support" link.

In the event Contractor does not have the capacity to use the NYSCS in the manner required above, an exception may be granted by the Department of State upon Contractor's written request and showing of good cause to allow for paper reporting. If such an exception is granted by the Department of State, paper reporting in a manner and form directed by the Department shall be required including but not limited to the submission of Quarterly MWBE Contractor Compliance Report (Form F) forms in accordance with Section M, Paragraph 6, of Attachment A-1.

Products: Ongoing reporting through NYSCS during the life of the contract.

Task 19: Project Status Reports

The Contractor or its consultant(s) shall submit project status reports semi-annually (every June 30 and December 31) on the form provided, including a description of the work accomplished, the status of all

tasks in this work plan, schedule of completion of remaining tasks, and an explanation of any problems encountered.

Products: Completed project status reports submitted to the Department during the life of the contract.

Task 20: Final Project Summary Report and Measurable Results forms

The Contractor or its consultant(s) shall work with the Department project manager to complete the Final Project Summary Report and Measurable Results forms. Final payment shall not be authorized until these forms have been completed and filed with project deliverables.

Products: Completed Final Project Summary Report and Measurable Results forms submitted to the Department.

Project Responsibilities

The Contractor shall administer the grant, execute a contract with the Department, and ensure the completion of work in accordance with the approved Work Plan and budget.

The Contractor:

- will be responsible for conducting all project work in conformance with the Work Plan included in the executed contract with the Department.
- will be responsible for all project activities including drafting request for proposals and managing subcontracts with consultants and subconsultants.
- will certify to the Department that the procurement record for project consultants and subcontractors complies with the applicable provisions of General Municipal Law.
- will receive approval from the Department for any and all consultant subcontracts before beginning project work.
- will be responsible for submission of all products, M/WBE forms, and payment requests including backup documentation..
- will be responsible for coordinating participation and soliciting comments from local government personnel, project volunteers, and the public.
- will keep the Department informed of all important meetings for the duration of this contract.
- will receive approval from the Department before purchase of any equipment.
- will secure all necessary permits and perform all required environmental reviews.
- will ensure that all materials printed, constructed, and/or produced acknowledge the contributions of the Department to the project.
- will ensure that all products prepared as a part of this contract shall include the NYS Comptroller's contract # as indicated on the Face Page of this contract.
- will ensure the project objectives are being achieved.
- will ensure that comments received from the Department and the project advisory committee, or other advisory group, are satisfactorily responded to and reflected in subsequent work.
- will recognize that payments made to consultants or subcontractors covering work carried out or products produced prior to receiving approval from the Department will not be reimbursed unless and until the Department finds the work or products to be acceptable.
- will participate, if requested by the Department, in a training session or sessions focused on developing and implementing revitalization strategies. The purpose of the training session(s) is to build knowledge and provide support to community leaders to advance revitalization efforts and complete priority projects.

The Department:

- will review and approve or disapprove of subcontracts between the Contractor and consultant(s) and any other subcontractor(s).
- will participate in initial project initiation meeting and subsequent meetings that are important to the project.
- will review all draft and final products and provide comments as necessary to meet the objectives.
- must approve or disapprove any and all design, site plan, and preconstruction documents before construction may begin.