US Department of Agriculture (USDA)

Statement of Work

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Project

ME-32 South Grand Chenier - Baker Tract Marsh Creation Project

General Information

1.0 Scope of Work

Provide a brief statement of the overall project, including goals and objectives.

The South Grand Chenier Baker Tract Marsh Creation (ME-32) project is located in the Mermentau Basin, Chenier Sub-Basin, and Hog Bayou Watershed south of LA Hwy 82 and directly west of Rockefeller Wildlife Refuge. Material dredged from the Gulf of America will be used to create and nourish approximately 466 acres of marsh in southwest Louisiana. Approximately 20,375 LF of earthen containment dike will be constructed. The goal of the project is to create new wetland habitat, restore degraded marsh, and reduce wave erosion of organic soils.

2.0 Background

The South Grand Chenier Baker Tract Marsh Creation (ME-32) project is located in the Mermentau Basin, Chenier Sub-Basin, and Hog Bayou Watershed south of LA Hwy 82 and directly west of Rockefeller Wildlife Refuge. The Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA) Task Force approved the ME-32 project for engineering and design as part of the 23rd Priority Project List in February 2014. The United States Department of Agriculture – Natural Resources Conservation Service (NRCS) was designated as the lead federal sponsor for this project with funding approved through CWPPRA by the United States Congress, and the Wetlands Conservation Trust Fund by the State of Louisiana. The State of Louisiana's Coastal Protection and Restoration Authority (CPRA) is serving as the non-federal sponsor. The goal of the project is to create new wetland habitat, restore degraded marsh, and reduce wave erosion of organic soils. Material dredged from the Gulf of America will be used to create and nourish approximately 466 acres of marsh in southwest Louisiana. Implementation would promote the expansion of emergent marsh and submerged aquatic vegetation throughout the area. The proposed project will also provide a protective wetland buffer to the local hurricane evacuation route, LA Hwy 82, and complement hurricane protection measures in the area. Creating and nourishing the marsh will aid in prevention of land loss by reducing tidal exchange through the area and providing a platform for growth of emergent vegetation. A completed project will provide critical habitat for several species and help protect life and property in local communities from coastal flooding and storm surge.

Contractor Requirements

3.0 Technical Requirements / Tasks

All technical requirements of the ME-32 Construction Project is provided in the specifications and drawings

4.0 Government Furnished

The following GF data can be provided upon request.
Geotechnical Reports
Surveys (Bathy, Topographical and Magnetometer)
AutoCAD files
Design Report

5.0 Deliverables / Schedule

The construction schedule is provided as a table. The period of Performance is 339 days and there is 38 weather days. Each item within the provided schedule has a deliverable outline in the specifications.

	2a	Mag Survey Borrow Area	0	8		8
	2b	Hydrographic Survey	0	33		33
1		Mobilize to Project site	3	30		33
		LNTP Review	33	12		45
	3a	Contractor Quality Control	0	281		281
2		Construction Surveys	45	234		279
8		Sheet Pile Alternative	45	2		47
4		Containment Dike Construction	47	33		80
5		Install Staff Gauges	50	2		52
7		Install Staff Gauges - Alt	52	1		53

	1a	Place Dredge Pipeline	53	30		83
3		Fill Marsh Creation Area	83	92		175
6		Fill Marsh Creation Area - Alt	175	12		187
11		Fill Marsh Creation Area - ME-20	187	29		216
	3a	Dewatering Structure Removal	216	6		222
1		Demobilize from site	222	40		262
	2c	As-Built	267	14		281

6.0 Travel

Construction work will be conducted on site at project location.

7.0 Contractor's Key Personnel

At a minimum, key personnel for the prime contractor shall include: Owner/President, Project Manager, QC Manager, Safety Manager, Superintendent, and Foreman (if separate from Superintendent).

8.0 Security Requirements

N/A

9.0 Data Rights

All data collected during construction will be given to Government for payment purposes and government retention. No proprietary constructions methods will be retained.

10.0 Section 508 – Electronic and Information Technology Standards

N/A

Attachment

evaluation categories

Price Proposal *– complete the Schedule on Page 4 indicating unit and total prices for all line items. (1 page)*

Experience *- Provide previous projects completed within the past 7 years that shows: project tname and location, equipment used, total cost of work completed, actual work completed, performance time, key personnel on the project, POC for owner of the project. Do not include equipment, cost, performance time, key personnel, or any other aspect of the project that was not directly completed by the prime or the subcontractor proposed on this project. Show maximum of 3 projects for the prime, 2 projects for all subcontractors (Limit 10 pages)*

Management Plan *- Provide an organizational chart showing all key personnel for the prime contractor and the superintendents for each subcontractor. At a minimum, key personnel for the prime contractor shall include: Owner/President, Project Manager, QC Manager, Safety Manager, Superintendent, and Foreman (if separate from Superintendent). Alternates for all field personnel should be provided. Do not include any personnel for the subcontractors other than the superintendent that will be in the field supervising work. The organizational chart should show "chain of command" and clearly indicate who has management authority in the field. Resumes for prime contractor key personnel and subcontractor superintendents, including alternates if applicable, shall include: name, position on this project, time with current company, time in this position (total not just with company), and up to 4 projects completed within the previous 7 years. Each project shall include: that person's position on that project, start/end date, dollar amount ,and a brief explanation of how that project is similar to this project. The Management Plan narrative should provide a brief position description of each of the prime contractor's key personnel and their authority and a description of how management of the subcontractors will be addressed. (Maximum of one (1) – 11"x17" single sided page for the organizational chart ,maximum of two (2) – 8.5"x11" single sided pages per resume of key personnel, and a maximum of two (2) – 8.5"x11" single sided pages for the Management Plan narrative)*

Project Schedule *- Provide a Gantt chart schedule for the project. Critical path items shall be noted along with float/lag days. All major/minor tasks shall be included. For each phase of work, the chart should indicate if the prime or which subcontractor is performing the work.(Maximum of two (2) – 11"x17" single sided pages).*

Equipment Plan *- Provide a list of equipment that includes ownership, quantity, size, and description of how it will be used on this project. Provide a narrative description of the environment that the hydraulic dredge can operate in, describe if hydraulic dredge has operated in conditions such as the Gulf of America or similar environments, and describe any difficulties the dredge had in those environments. Provide a narrative description of available back up equipment. (Maximum of two (2) – 8.5"x11" single sided pages)*

Award will be based on lowest cost, technically acceptable offer. To be considered technically acceptable, the offeror's proposal must follow the submission instructions and meet the minimum criteria as defined below. Proposals that fail to meet any of the minimum criteria will be considered not technically acceptable and will not be considered for award.

1.Experience

•At least 1 project submitted for the prime contractor indicates that they have served as the prime contractor (not a subcontractor) for a marsh creation project of similar magnitude.
•At least 1 project indicates that the contractor has successful experience performing hydraulic dredging in a large open body of water with an environment similar to the Gulf of America.
•At least 1 project indicates that the contractor proposed to do work on this project has successful experience constructing earthen containment dikes in a marsh environment.

2.Management Plan

•Organizational chart shows clear chain of command and clearly defines those in the field with decision making authority.
•Management and oversight of subcontractors is clear and easy to understand.
•All key personnel have at least 5 years of experience performing in the same role as proposed on this project.
•Management plan and project schedule are consistent.

3.Project Schedule

•All major tasks are included and many of the minor tasks are shown.
•Allowance for weather, holidays, and other down times are incorporated and overall project schedule is within the performance time.
•Management plan and project schedule are consistent.
•Equipment plan supports the performance time shown in the schedule.

4.Equipment Plan

•The plan includes adequate equipment for all phases of work, describes how it will be used and serviced, and supports the performance times shown in the project schedule.
•The plan includes back up equipment for all major equipment used on the project.