

**BID SPECIFICATIONS
FOR
ARCHAEOLOGICAL SERVICES
FOR
NPS WATERSHED PROJECTS**

Return proposal to:
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Navajo EPA – WQ/NNPDES Program
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REQUEST FOR PROPOSAL # **BID NO. 22-04-2785LE**
PROPOSAL DUE DATE: May 06, 2022; 5:00 PM (MDT)

Description of Service

The purpose of this bid is to provide the Navajo Nation, through the Navajo EPA – Water Quality/Navajo Nation Pollutant Discharge Elimination (WQ/NPDES) Program, with a source to provide construction for the following Clean Water Act Nonpoint Source (NPS) project within the Teecospos Chapter: “Teecospos Chapter Nonpoint Source Pollution Reduction Through Implementation Of Watershed Projects At The Goat Spring Wash Watershed”. In 2017, Navajo EPA staff was invited by the Teecospos Farm Committee Chairperson to discuss issues associated with surface water flows in their community. After numerous meetings and field visits, the committee identified and prioritized problem areas associated with surface water, in which, public safety, property, and agricultural industry were compromised by stormwater runoff. NPS Pollution caused by the release of excess sediment from highly concentrated stormwater flows resulted in streambank instability that threatened the Goat Spring Wash, public safety and property. The WQ/NPDES program accepted the Teecospos Chapter’s prioritized list of sites identified as problem areas which warrant immediate address.

The watershed projects implementation include streambank stabilization, fence relocation, and native plant revegetation to improve surface water quality within the Goat Spring Wash. Additional work will include: installation of drainage crossing and fence, road improvement, install erosion control structures, fence and reseeding. The streambank stabilization of Goat Wash is a priority since the banks are heavily eroding, posing as a threat and compromise safety of family and their property whenever concentrated stormwater flows, particularly during summer months. Unstable streambanks continuously erode and adds excess sediment to the surface water whenever stormwater runoff occurs, thereby, violating the Navajo Nation Surface Water Quality Standard (NNSWQS).

The NPS pollution reduction will be achieved with the above mentioned Best Management Practices (BMPs). The erosion of banks has accelerated soil loss and undermined fence and farmland. Revegetation of streambanks and perimeters of farmland with native vegetation will enhance and stabilize the banks to further reduce sediment to Goat Spring Wash and its tributaries.

The correction of heavily eroding streambanks and its impacts within the watershed will immediately remove the threats caused by concentrate stormwater runoffs. The mitigation of streambank instability and excess sedimentation will reduce sediment pollution in surface waters and provide protection for the stream, stakeholders, and properties; and lastly, to achieve compliance with the NNSWQS. Established buffer zone on terrace/farm will allow for added protection of the stream and banks. The residents will receive outreach and training on maintenance of erosion control structures, streambank and vegetation for proper functioning stream flow and to eliminate solid waste from water ways. This best management practices (BMPs) will reduce or eliminate pollution and stabilize the streambanks in Goat Spring Wash, which eventually reaches the San Juan River.

The intent is to implement the watershed improvement projects for lasting effects that will result in quality surface water for benefits of human, livestock, wildlife, etc. while complying with NNSWQS. The following description of services detail the WQ/NPDES Program understanding the scope and content of construction services as they will apply to the NPS projects in Teecospos Goat Spring Wash.

Bidders should read the entire set of specifications carefully, as these will form the basis of the contractual agreement with the Navajo Nation. Failure to comply with the specifications may provide grounds for termination of the contract agreement. Bids should reflect not only the expected costs to the Contractor of providing basic construction services but also the costs of supplies and providing supplementary services, such as, reporting and quality control activities.

1. Bid Requirements

In order for a company to qualify for the bidding process, it must meet the following:

- (a) Preference shall be given to the Bidders that are on the 2022 Cultural Resource Consultants issued by the Navajo Nation Heritage & Historic Preservation Department (NNHHPD).
- (b) The Bidder shall possess a permit from NNHHPD to perform archaeological services on the Navajo tribal land.
- (c) The Bidder shall have working knowledge and experience with the archaeological clearance processes of the Navajo Nation.
- (d) Bids shall be considered only from Bidders who, in the judgement of the WQ/NPDES Program, are regularly established in business, financially responsible, able to show evidence of satisfactory past performance; and, ready, willing and able to render prompt and satisfactory services.
- (e) The Bidder must provide a list and resumes of all personnel to be used in providing archaeological services and their level of experience and qualifications.
- (f) The Bidder must provide a copy of a minimum of three (3) most current references verifying their expertise in providing these types of archaeological services.

2. Scope of Work

The Contractor shall conduct an archaeological survey to determine if the following work to be carried out under the NPS projects will impact any cultural resources:

- (a) **Fence Building:** The NPS Teecospos Goat Spring Wash project includes a task to remove existing fenceline and construct a new fenceline that will be determined in the field since fenceline is on terrace and run along the stream. The earth work on the streambank will determine the fenceline location since excessive erosion of the bank began headcut that undermined the fenceline. Fields and homes are adjacent to the stream. Existing fenceline kept livestock from entering the field. Due to dynamic channelization, NPS project length will be determined by field conditions around eroding streambank. Properties on the west side of the stream are fenced. Properties on east side of the stream are not fenced though one property has damaged fence. Few homes on east side of the stream dump and burn their household trash in the wash. Old cars lined the east streambank for erosion control or property protection. The fenceline relocation will be mostly to replace existing fenceline, but will be based on design plan for streambank and field conditions. Coordinates were given for larger area surrounding one meander for the streambank.
- (b) **Planting:** The NPS Teecospos Goat Spring Wash project includes a task to plant within impacted area with native seeds or native plants. The design plan will designate specific plants or seeds to revegetate in specific locations within the channel and upland. A buffer zone will be designated on terrace for protecting water quality and managing return irrigation water. Existing vegetation includes cottonwood trees, Russian Olive trees, Tamarisk, and numerous shrubs and grass within the channel and farm. Perennial stream flow west side of the field.
- (c) **Streambank stabilization and erosion control structures constructions:** The NPS Teecospos Goat Spring Wash project includes a task to stabilize the eroding bank and eliminate damaging/migrating headcut to west of stream. Based on design plans and specifications, material could be hard or soft armor. Streambank stabilization will include cut and fill. The treatment will be done within the one meander length to protect the bank, water quality, property, and residents.

| Name of Affected Stream | Project Site along the Stream | Coordinates Lat/Long | Watershed Improvement Projects Implementation: Streambank/Fence/Plant |
|--------------------------------|--------------------------------------|--------------------------------|--|
| Goat Spring Wash | South - West 1A | 36.939466° N; 109.106191° W | Stream/Bank/Fence/Reseed |
| | South - East 1B | 36.939431° N; 109.105248° W | Stream/Bank – No work |
| | West - West 2A | 36.941707° N; 109.107563° W | Stream/Bank/Fence/Reseed |
| | West - East 2B | 36.941569° N; 109.106192° W | Stream/Bank – No work |
| | West - West 3A | 36.942639° N; 109.107306° W | Stream/Bank/Fence/Reseed |
| | West - East 3B | 36.942707° N; 109.106321° W | Stream/Bank – No Work |
| | West - West 4A | 36.943432° N; 109.106107° N | Stream/Bank/Fence/Reseed/Road |
| | West - East 4B | 36.943466° N; 109.104779° W | Stream/Bank/Road/Culvert Pipe; Fence/Reseed; and WW Pond |
| | North - West 5 | 36.944053° N; 109.106793° W | Stream/Bank/Fence/Reseed |

After the archaeological survey is completed, the Contractor shall develop requisite reports and forms required for completing the archaeological clearance process of the Navajo Nation adhering to the standards and guidelines of the NNHPD and BLM. The Contractor shall be in receipt of the signed Compliance Resource Compliance Form from NNHPD.

3. General Contractor Responsibilities

- (a) The Contractor is to provide archaeological services to the WQ/NNPDES Program and coordinating stakeholders for the NPS projects in a professional and consistent manner.
- (b) The Contractor will successfully complete the archaeological clearance process for the NPS projects.
- (c) The Contractor will take prompt action to correct any identified deficiencies hindering completion of the archaeological clearance process.
- (d) The Contractor shall comply with all applicable laws and rules of federal and tribal governments.
- (e) The Contractor will be expected to remove and properly dispose of any waste generated during the archaeological survey.
- (f) The Contractor shall observe all safety precautions throughout the performance of the archaeological survey.
- (g) In the event performance of the archaeological is impeded, the Contractor shall immediately notify the WQ/NNPDES Program contact person.

4. Proposal for BID NO. 22-04-2785LE

Responses to this bid shall be sent in a sealed envelope, including a return address, and clearly marked on the outside of the envelope by the due date to the following address:

Attention: Dorothy Barber-Redhorse
Navajo EPA – WQ/NNPDES Program
P.O. Box 339
Window Rock, AZ 86515
Archaeological Services
Do Not Open – Bid Proposal

5. Due Date

All bids are due to the WQ/NNPDES Program by the close of business on **May 06, 2022, 5 pm (MDT)**.