A. General

1. Project Title: Hogback Pond Dike Rehabilitation.

2. All applicable Sections of the Federal Acquisition Regulations (FAR) and Division 1 apply to each Section of this Technical Specification (Division 2 through 16).

3. Payment for work done under this contract shall be made in accordance with the lump sum and unit price bid therefore in the Bidding Schedule, and in accordance with subsequent addenda, Change Orders, and/or Extra Work Orders.

B. Work and Payment Under This Contract

1. The work in this contract is listed below. Measurement and payment shall include but not be limited to furnishing materials, labor, and equipment for work defined below.

Base Bid

Rehabilitation of Hogback Dike. Work includes rehabilitation of a 3,649 foot long dike to include mobilization and demobilization, placing silt fence, removing vegetation, bushes, roots and trees, removing 3 corrugated pipe structures, scarifying soil, transporting, placing, re-sloping and compacting soil and clay fill, seeding, and adding filter fabric and riprap around a concrete water control structure.

Measurement for payment for Base Bid, Rehabilitation of Hogback Dike, shall be lump sum.

Bid Additive #1

Replacement of Concrete Pipe and End Section. Work includes removal and disposal of the old reinforced concrete pipe and end section and the installation of new 24” diameter reinforced concrete pipe and flared end

section, placement of silt fence vegetation removal, excavation, scarifying of soil, transporting, placing, re-sloping and compacting soil and clay fill and adding filter fabric and riprap around the outlet as shown on the drawings.

Measurement and payment for Bid Additive #1, Replacement of Concrete Pipe and End Section, shall be lump sum.

Bid Additive #2

Placement of 4-inch Deep Gravel Along Hogback Dike Road. Work includes transporting, placing, and compacting 4-inch deep gravel, 12’ wide, along 3,916 feet of Hogback Dike Road, as shown on the drawings.

Measurement and payment for Bid Additive #2, Placement of 4-inch Deep Gravel Along Hogback Dike Road, shall be lump sum.

C. Location And Inspection Of Site

1. The site of the work is located at the Minnesota Valley National Wildlife Refuge and Wetland Management District in Bloomington, Minnesota. The mailing address is shown on the Solicitation, Offer, and Award (Standard Form 1442) as attached to this Invitation. The Supervisory Wildlife Refuge Specialist may be contacted for further information at the above referenced address or by telephone at (612) 720-3420.

2. All prospective bidders, contractors, subcontractors, and related persons are encouraged to visit the site of the proposed work and to assess the location and extent of the work prior to submitting bids. Persons may inspect the work site by contacting the Refuge Manager.

D. Specifications and Drawings for Construction

1. The successful bidder will be provided, upon request one set of full-size prints of the contract drawings as necessary for execution of this contract. This drawing will be provided at no additional cost to the successful bidder/quoter.

2. Exact location of all affected utilities will be the responsibility of the contractor. Drawings may not completely show all utilities. Site verification is required in addition to contacting any local authorities and utility companies to determine exact locations of utilities.

3. In case of difference between drawings and specifications, the specifications shall govern.

E. Work Not Included In This Contract

1. All items indicated "**NIC**" on drawings or specifications are items not included in this contract.

2. Work in place is generally shown as "Existing" on the Contract Drawings.

3. Work to be performed under other contracts and not included as part of this contract is generally shown as "By Others" on the Contract Drawings.

F. Items Provided By The Government

1. Work to be accomplished by the Government or manufactured items to be provided by the Government are generally shown as "By Government" on the Contract Drawings.

G. Engineering Services

None.

H. Temporary Facilities

1. Maintain and restore all government roads, service areas, and utilities used to pre-construction condition.

I. Site Access and Right of Way

1. The construction access limits on Government property will be established by the Government and the Contractor shall be responsible for complying with these limits and governing all work accordingly. All temporary access roads shall be removed following work completion unless directed otherwise by the Contracting Officer.

2. All bidders are reminded that they are responsible for contacting the local entity such as township, county, or state having jurisdiction in the project vicinity to insure bidders/quoters are aware of any requirements of the local entity. These requirements are between the entity and the bidder. Load limits and other restrictions shall be obeyed. If the Contractor proposes to cross private property, permission must be obtained from the owner to use private property or roads in the conduct of the work.

3. Work scheduled on Saturdays, Sundays, Federal Holidays or other than normal working hours shall be approved in advance by the Government.

J. Safety - In addition to FAR 52.236-13 Accident Prevention

1. Contractor shall fill out and submit the "Preconstruction Safety Checklist" to the Contraction Officer (CO) prior to beginning construction.

2. The contractor shall designate a safety officer to ensure a safe work site. The safety officer shall perform daily work site inspections to assure compliance with all safety regulations and standards.

3. The Contractor's Safety Plan shall be available on-site. The Contractor shall provide Material Safety Data Sheets

(MSDS) for all hazardous materials brought on-site. MSDS shall be made available in a conspicuous location.

4. All equipment and work activities shall comply with OSHA Regulations and all accidents incidental to work performed under this contract shall be reported in accordance with OSHA reporting requirements. Additionally a copy of the accident report shall be provided to the Contracting Officer.

5. The Contractor shall provide and install barricades, signs, or other warning devices to delineate the construction area and restrict public access to the construction site. Follow the Manual of Uniform Traffic Control Devices (MUTCD).

6. Provide at least one non-freezing-type fire extinguisher in each workshop and shed used for storage of materials on the premises. Place in location readily accessible to workers.

7. Provide at least on non-freezing type fire extinguisher of the appropriate class for each group of workers performing flammable operations.

8. Provide and maintain a basic first aid kit for use of workers.

   (a) Provide first aid supply commensurate with size of project and provide items necessary for first aid treatment of all injuries. The first aid supply shall include items identified on the Material Safety Data Sheets (MSDS) and be placed in applicable locations.
   (b) Advise all workers of the location of first aid supplies.

   (c) Post telephone numbers of nearest hospital or ambulance service and fire station in conspicuous location. Advise all workers of location of telephone numbers.

9. Provide necessary Personnel Protective Equipment (PPE) as identified by MSDS and OSHA regulations. Provide documentation workers have been trained in use of PPE prior to individual use.

(END OF SECTION 01100)