

SCOPE OF WORK

PART 1 GENERAL

1.01 GENERAL NOTE

- A. Where a specific item of Work is not defined, but is normally inherent to a trade it shall be the responsibility of the Contractor to include the Work in its bid proposal.

1.02 CONTRACTOR USE OF SITE

- A. Perform Work at site in areas permitted by law and Contract Documents.
- B. Do not unreasonably encumber site with materials or equipment, and do not load structure with weight that will endanger structure. Storage of any materials or equipment shall be coordinated with the Construction Manager prior to delivery on-site. Materials shall be delivered to site on an as needed basis.
- C. Assume full responsibility for protection and safekeeping of products stored on-site. Obtain and pay for use of additional storage or work areas needed for operations.
- D. Use of site: Exclusive and complete, for execution of Work, except, if notified by Owner, Owner's Contractors for other than this Work or Project.
- E. Site access: Access to the site for deliveries and operations shall be coordinated with Construction Manager and shall be performed in accordance with all local, city and county requirements.
- F. The Contractors' normal working hours shall be 7:30 A.M. to 4:00 P.M Monday thru Friday. Work performed outside of these hours is possible, subject to the approval of the Project Manager.
 - 1. Request by the Contractor for working after hours shall be made at least 72 hours prior to requested period.
 - 2. If performance of the Contractor's Work produces excessive fumes, the Owner may require the Work to be performed after business hours.

1.03 SCOPE OF WORK

- A. The following is a description of the Prime Contract Bid Package for the Project known as "QCV BOEING SITE DRAINAGE REPAIR". This section describes the work within this Bid Package as designated by the Project Manager. The Contractor shall cooperate and coordinate their work for expedient completion of this Project. This Bid Package description identifies the scope of work to be performed by the successful bidder in the specific Bid Package.
- B. Questions concerning the "SCOPE OF WORK" related to this respective Prime Contract bid package shall be directed to the Project Manager who shall be the interpreter and be responsible for clarifying the assigned "SCOPE OF WORK."

- C. This "SCOPE OF WORK" is to aid each Bidder in defining the Scope of Work to be included in its proposal. However, omissions from this "SCOPE OF WORK" do not relieve the Bidder from including in its proposal that Work which will be required to complete its Contract. Bidder should read the entire "SCOPE OF WORK" to completely familiarize himself with the Work and to coordinate the interfacing problems that may occur as the Work is assembled and constructed.

PART 2 BID PACKAGE DESCRIPTIONS

2.01 SUMMARY

- A. Each Contractor shall supervise his Work, using his best skills and attention. Contractor shall be solely responsible for construction means, methods, techniques, sequences, dimensions and procedures and or coordinating all portions of their Work.
- B. The Tulalip Tribes of Washington is a federally recognized Indian Tribal government with a constitution and bylaws approved by the United States Secretary of the Interior. See: 65 Federal Register 13298, 13301 (March 13, 2000). As a recognized tribal government, the Tulalip Tribes of Washington and all of its governmental agencies, is a tax exempt entity. See: 26 USC §7871, and Washington Administrative Code Excise Tax Rule 192 (WAC 458-20-192). A citation of this code can be viewed at the Washington State Department of Revenue's "Doing Business With Indians" website at the following address <http://dor.wa.gov/content/doingbusiness/Indians/default.aspx>. This project is Tax Exempt from all Sales and/or Use Taxes for all materials and supplies incorporated in construction of the Work that become a permanent part of the Project. Upon request a Tax Exemption form may be obtained from the Construction Manager.
- C. All parties agree that they are responsible for compliance with all tribal, local, and federal laws, regulations, and standards that pertain to safety, as those laws, regulations, and standards apply to their employees. All parties recognize that the responsibility for employee safety rests with each employer respectively. Each contractor (prime or sub) shall be responsible for the safety of its own employees. The Construction Manager accepts no responsibility for, nor will it provide any safety consultation, monitoring, or enforcement to any contractor on the site concerning the safety of contractor's employees. Any safety equipment needed on the job, including but not limited to PPE, shall be furnished by each contractor for its employees.
- D. Each contractor, AS A MINIMUM, shall follow all tribal, local, and federal laws regarding worker safety. This shall include all requirements of OSHA and referenced standards therein included.
- E. All contractors shall follow OSHA requirements AS A MINIMUM, including WEARING OF HARDHATS AT ALL TIMES while on the Project site. As a minimum, all personnel shall wear a sleeved shirt, long pants, work boots, and a hardhat at all times inside the construction limits, as well as hearing protection. This specifically includes delivery drivers and supplier unloading personnel.
1. Horseplay and other unsafe conduct is strictly prohibited.

2. Alcoholic beverages, non-prescription (illegal) drugs, firearms, fireworks, explosives, or weapons are not allowed on Project property.
 3. No workers are to smoke in the building or within the confines of the site during any phase of construction. This policy also applies to all smokeless tobacco products.
 4. Theft, abuse, or destruction of property, tools, equipment or materials will not be tolerated.
 5. Contractors and all of their employees, including those of subcontractors and suppliers, shall abide by any and all rules the Project Manager or the Owner may have in effect or hereinafter put into effect at the site of the Work including those pertaining to worker and Owner personnel safety, use of cameras, and security procedures or requirements. Contractor shall remove from the Project site any employee violating these rules at the request of the Owner or Construction Manager.
 6. All Contractors shall distribute a copy of work rules and shall periodically review with tradesmen in weekly Safety meetings. All Contractors shall daily monitor the project to assure that all rules are complied with.
- F. Indiscriminate accumulations of debris, waste, or scrap in work areas will not be permitted. (Areas must be designated for storage or disposal.) All materials, tools, and equipment must be stored in an orderly manner in designated areas.
- G. Each Contractor shall be responsible for the protection and security of their equipment, tools, materials, and finished work until Contract Completion is achieved. Damage to or theft of any tools, equipment, or materials, whether incorporated into the work or not, prior to Contract Completion, shall be repaired and or replaced at Contractor's expense. Contractors shall provide protection and security of all Work at all times. Notify Construction Manager immediately of any damage or theft incidents.
- H. DAILY CLEANUP of each Contractor's trash & debris is mandatory for this Project and is included in the Contract. Contractor shall remove all debris created by the performance of their Work from the Project site.
- I. CONTRACTOR provide a Certified Erosion and Stormwater Control Lead (CESCL) as part of site personnel in accordance with 2021 WSDOT Standard Specifications 8-01.3(1)B.

2.02 BID PACKAGE 21-006 – QCV BOEING SITE DRAINAGE IMPROVEMENT

1. The Work of this Bid Package consists of the Work as shown and indicated on EXHIBITS A. The Work is not restricted by division of drawing(s) or specification(s). Unless otherwise specifically noted, all Work to be performed shall consist of labor, materials, tools, equipment, supervision, insurance, bond, applicable taxes and all other associated provisions necessary to provide and install the complete scope of work of the Prime Contract in its entirety in strict accordance with the Contract Documents.

2. The Contractor shall develop and maintain a Project "EMERGENCY SAFETY PLAN". All contractors shall abide by the Prime Contractor's "EMERGENCY SAFETY PLAN."
3. Prior to commencing work, the Contractor shall provide and review on-site a "TEMPORARY EROSION AND SEDIMENT CONTROL PLAN" with the Project Manager, in compliance with Exhibit A. All contractors shall abide by the Prime Contractor's "TEMPORARY EROSION AND SEDIMENT CONTROL PLAN."
4. The Contractor shall provide and maintain an appropriate number of 20# ABC fire extinguishers and stands to be used for general use throughout the duration of the Project.
5. Prevent project contaminants, such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment laden water, chemicals or any other toxic or harmful materials from entering or leaching into water. Establish staging areas for equipment storage, vehicle storage, fueling, servicing and hazardous material storage in a location and manner that will prevent contaminants from entering streams and wetlands at the project site. Check equipment daily for leaks and complete any required repairs in an upland location before using the equipment in or near the water.
6. Stop all hydraulic project activities except those needed to control erosion and siltation if flow conditions arise that will result in erosion or siltation of water at the project site.
7. The Contractor shall remove and properly dispose of debris, identified culverts and soils related to the removal of culverts but not limited to:
 - i. Site 5: 36"D x 30'L culvert to be removed and 4 ft deep in roadbed. Total excavation is 10 ft deep including culvert, 26 ft wide roadbed. Roadbed pullback 20 ft wide at channel bottom, taper 1:1 to 40 ft wide at top of roadbed. Remove fish from channel once channel is isolated, prior to any grading in accordance with 6(vi). See drawings Exhibit A.
 - ii. Site 7: 24"D x 24'L culvert to be removed, 5-6 ft deep in roadbed. Total excavation is estimated at 10-12 ft deep including culvert, with existing roadbed 16 FT wide. Roadbed pullback is 16 ft wide at channel bottom, taper 1:1 to 36 ft wide at top of roadbed. See drawings Exhibit A.
8. The Contractor shall furnish and install but not limited to:
 - i. All equipment shall be washed for invasive weed control prior to entering the site gate.
 - ii. Erosion control: Install erosion prevention and sedimentation BMPs prior to any grading activity. Protect natural vegetation and trees. Prevent disturbance of sensitive areas and their buffers. Use vegetated buffers and minimize footprint. Before grading, mark clearing limits and sensitive areas for protection. Restrict clearing to approved limits as marked by the Owner.

- iii. Establish construction access utilizing WA Dept. of Ecology Stormwater Manual BMP C105. Reduce vehicle access points and stabilize entrance to the site with crushed rock as shown in Exhibit A. Install compost/straw wattles along road edges above ditches for 200 feet from the construction site as shown WA Dept. of Ecology Stormwater Manual BMP C235.
- iv. Sedimentation control: Check dams shall be installed prior to all instream work. Check dams shall be installed as soon as construction will allow. The Contractor may substitute a different check dam material, in lieu of what is specified in the contract, with approval of the Construction Manager. Straw bales shall not be used as check dams. The check dam is a temporary or permanent structure, built across a minor channel placed perpendicular to the flow of water. Water shall not flow freely through the check dam structure. Check dams shall be constructed in a manner that creates a ponding area upstream of the dam to allow pollutants to settle, with water from increased flows channeled over a spillway in the check dam. The check dam shall be constructed to prevent erosion in the area below the spillway. The outer edges shall extend up the sides of the conveyance to prevent water from going around the check dam. Check dams shall be of sufficient height to maximize detention, without causing water to leave the ditch. Check dams should be inside the fish isolation area. Installation shall be approved by the Project Manager prior to proceeding with work. Channels shall be lined with coir erosion blanket according to BMP C202 at completion of work, and prior to re-diverting stream thru new channel construction.
- v. Culvert: Contactor shall remove and install convert(s) in accordance with 2021 WSDOT Standard Specifications 7.02, 7.08.3, 9.05.4. Culvert installation and removal to be conducted in the dry or in isolation from streamflow by the installation of a bypass to divert the stream flow around the work area.
- vi. Site 5, 7, 8: stream bypass diversion measures to fully isolate stream flow around construction area prior to any work in the stream channel. Any secondary channel will be fully segregated from the main channel and fully protected with erosion and sedimentation control. Contractor to submit plan for approval by the Project Manager. Install a sedimentation control "check dam" in channel approximately 30ft downstream. Upon completion of the project, all material used in the temporary bypass and sediment control shall be removed from the site.
- vii. Fish Removal: Arrange with Construction Manager to notify Tulalip Natural Resources for a fish biologist to be present for assistance with fish removal. Install fish screen to seclude the construction area from fish.

- viii. Site 8: replace existing culvert with 72"D x 28' corrugated steel culvert pipe. Stabilize roadbed inlet and outlet with large 1 man rock and 4-8" minus quarry rock. Restore roadbed to 20 ft wide. Culvert shall be countersunk to a point 1/5 of its diameter, installed at a flat gradient to allow fish passage, and lined with washed and rounded gravels (2" minus) and as not to leave a perched culvert. See drawings Exhibit A
 - ix. Site 5 and 7: install streambanks at 1:1 slope.
 - x. Contractor will spread and grade existing road way with 4" minus to stabilize site approach in accordance with Exhibit 4 approximately:
 - a) West Security Road – 300 LF
 - b) Revetment Road – 200 LF
 - c) North Security Road - 250 LF
 - xi. Contractor will grade and top dress existing road way site approaches with 5/8 minus to finish road at conclusion of work, approximately:
 - a) West Security Road – 300 LF
 - b) Revetment Road – 200 LF
 - c) North Security Road - 250 LF
9. The Contractor shall provide adequate protection of existing infrastructure and roadways that outside the identified work zone and complete the work in a sequence to prevent incidental and or accidental damage caused in the performance of the Work performed as a part of this Scope of work. Protection may include protective measures not fully identified herein, as well as, strict adherence to daily cleaning requirements. The Contractor shall provide, maintain and remove any protective measures installed as a part of this project.
10. The Contractor shall be responsible to repair to like "new" conditions any and all existing roadways and infrastructure that are damaged as a result of work performed as a part of this scope of work and project.

END OF SECTION 010