

DRAFT Scope of Work Outline for Bored Tunnel RFQ/RFP

1. Purpose:
 - a. Develop a design criteria package consisting of design criteria, performance specifications, reference plans, and reference specifications in sufficient detail to allow WSDOT to procure a Design/Build Contractor to construct the project.
 - b. Assist WSDOT in the preparation of RFQ and RFP documents, as required.
 - c. Decide Roles and Responsibilities for project delivery
2. Current Working Assumptions
3. Preliminary Engineering Scope of Work: Design Criteria, Performance Specifications, Reference Plans, and Reference Specifications to a 15% Design Level.
 - a. Civil
 - b. Structural
 - c. Architecture
 - d. Landscape Architecture
 - e. Mechanical
 - f. Electrical
 - g. Traffic Surveillance and Control System
 - h. Geotechnical
 - i. Utilities
 - j. Right of Way
 - k. Survey & Mapping
 - l. Environmental Requirements
 - m. Specifications
 - n. Commissioning
 - o. Operations & Maintenance
 - p. Construction Planning, Cost Estimating, and Scheduling Support
4. Major Deliverables:
 - a. Project Basis of Design Report
 - b. Performance Specifications
 - c. Reference Plans
 - d. Reference Specifications
 - e. Cost Estimate
5. Other Potential Work Items
 - a. Existing Building Condition Survey
 - b. Tunnel Spoils Disposal Study
 - c. Existing Condition of Pier 48 and Potential Uses Study
 - d. Staging Area Requirements and Availability
 - e. Tunnel Power Supply Requirements Study
 - f. Risk Register, Risk Analysis, and Risk Management Process
 - g. Prepare Preliminary Finance Plan
 - h. Tolling Analysis

Major Elements of Work

- South Portal Utilities
- South Portal Launch
- Bored Tunnel
- Tunnel Systems
- Ventilation Buildings
- North Portal Exit Shaft
- North Portal
- South Portal Connection to H2K