PPRESTIGIOUS Engineers

**Project:** Carpenter Creek Fish Passage Project

**Contractor:** Granite Construction Company

**Engineering and Design Services Quote**

**Task #1: Contractor Designed Buried Structure (CDBS) Culvert and Approach Slab Design**

Pricing: $15,000.00

* Complete engineering and design packages for the precast CDBS Culvert #1 and precast approach slabs for the CDBS.
* Drawings and calculations shall be sealed by a Professional Engineer licensed in the State of Washington.
* Design Specification: WSDOT Standard Specification Section 6-20
* Precast pieces shall include pick points allowing a sling angle of 60-degrees.

**Task #2: Contractor Designed Buried Structure (CDBS) Traffic Barrier & Lightweight Concrete Wingwall Designs**

Pricing: $7,000.00

* Complete engineering and design package for the precast single sloped traffic barrier at the ends of the CDBS culvert lids.
* Complete engineering and design package for the precast culvert lightweight concrete wingwalls.
* Engineering includes mechanical connection points for wingwalls to CDBS culvert structure.
* Wingwall concrete is lightweight concrete
* Backfill material behind wingwalls includes borrow and lightweight volcanic borrow
* Design Specification: WSDOT Standard Specification Section 6-20
* Precast pieces shall include pick points allowing a sling angle of 60-degrees.

**Scope Exclusions:**

* Onsite engineering or field inspections