

SECTION II
BID NUMBER 220805
PROPOSAL

To: Clallam County PUD No. 1
Post Office Box 1000
Carlsborg, WA 98324
(hereinafter called the "District")

From: _____
Contractor

The undersigned (hereinafter called the "Contractor") hereby proposes to perform the work requested by the District, as detailed in the Notice and Instructions to Bidders, Specifications, Exhibits, and all modifications incorporated in these documents before their execution, or elsewhere in this Contract, upon the terms and conditions herein stated:

1. All work shall be completed in accordance with Section I and Section III, together with Exhibits Maps and Drawings or as directed by the Project Manager.
2. Description of Construction Units. Each Construction Unit consists of a complete installation of the designated portion of a substation as specified on the drawings. Each Construction Unit represents all labor and material including necessary accessories completely installed and tested in satisfactory operation.

Items of material in each Construction Unit shall be of the designated size, rating, type, voltage, or other specification in accordance with the Drawings. The bill of material drawing for the substation shows which items of material may be partly or entirely found in the list of District's Material on Hand. The Contractor shall be responsible for retrieval of the District supplied materials from the District warehouse, transportation to the project site, unloading and placement in accordance with specifications, drawings, and manufacturer's instructions.

The Contractor shall be responsible for furnishing all materials, equipment and structures that are not supplied by the District as per the Assembly Material List, Drawing E3-1. The Contractor shall be responsible for handling and installing all equipment and materials in accordance with the Drawings and Specifications.

In the event of any conflict, inconsistency, or ambiguity between or among the CONTRACT DOCUMENTS, all questions or disputes as to the meaning of the contract documents shall be decided by the district.

**FORKS SUBSTATION
CONSTRUCTION UNIT DESCRIPTION**

ITEM	QTY	DESCRIPTION
A1	1 LOT	MOBILIZATION – Contractor is responsible for making arrangements for all equipment, office space, power, water, telephone and FAX service, sanitary facilities, and any miscellaneous material on site. Contractor shall coordinate with District to obtain any permits and necessary materials needed for mobilization for construction.
B1	1 LOT	SITE PREPARATION, STATION –Contractor shall furnish all labor, equipment, and material required for clearing and grubbing of the substation site, site grading, backfill, and compaction for preparation of subgrades to the elevations shown on the Drawings. Contractor shall also provide final finish grading, surface preparation, and installation of crushed rock surfacing.
B4	1 LOT	DEMOLITION - Contractor shall perform all required demolition and removal of existing equipment at the site per the demolition drawing in Exhibit “C” C1-1.
C1	2 EA.	FOUNDATION, 69kV H-FRAME DEAD-END STRUCTURE – Contractor shall perform all required excavating, forming, finishing, and furnish and install all rebar, concrete, and backfill required for a complete concrete foundation. This unit includes the installation of the District furnished anchor bolts.
C2	1 EA.	FOUNDATION, 69kV CIRCUIT SWITCHER – Contractor shall perform all required excavating, forming, finishing, and furnish and install all rebar, conduits, concrete, and backfill required for a complete concrete foundation. This unit includes the installation of the District furnished anchor bolts.
C4	1 EA.	FOUNDATION, 69kV LIGHTNING ARRESTER SUPPORT STRUCTURE – Contractor shall perform all required excavating, forming, finishing, and furnish and install all rebar, concrete, and backfill required for a complete concrete foundation. This unit includes the installation of the District furnished anchor bolts.
C8	1 EA.	FOUNDATION, CONTROL ENCLOSURE – Contractor shall perform all required excavating, forming, finishing and furnish and install all rebar, conduits, concrete, and backfill required for a complete concrete foundation. This unit includes the installation of the Contractor furnished anchor bolts per Drawings.
C10	6 EA.	FOUNDATION, 15kV POWER CIRCUIT BREAKER – Contractor shall perform all required excavating, forming, finishing, and furnish and install all rebar, conduits, concrete, and backfill required for a complete concrete foundation. This unit includes the installation of the Contractor furnished HILTI RE-500 stainless steel adhesive anchors.
D2	1 EA	STRUCTURAL STEEL, 69kV VEE SWITCH H-FRAME STRUCTURE – Contractor shall install District furnished switch support H-frame structure. Contractor shall furnish all labor and equipment required for the complete erection of the structure.
D3	3 EA.	STRUCTURAL STEEL, 69kV BUS SUPPORT STRUCTURE – Contractor shall install District furnished equipment support structure. Contractor shall furnish all labor and equipment required for the complete erection of the structure.
E2	1 EA.	CIRCUIT SWITCHER; 3-Phase, 69kV 1200A, including Steel Structure and Control Cabinet– Contractor shall install the District furnished circuit switcher. Contractor shall be responsible for retrieval of the circuit switcher, structure, and cabinet from the District warehouse, transportation of the circuit switcher to the project site, unloading and placement, complete assembly, adjustment, and operation in accordance with specifications, drawings, and manufacturer’s instructions. Contractor shall furnish all labor, and miscellaneous materials and equipment necessary for a complete circuit switcher installation.
E3	5 EA.	POWER CIRCUIT BREAKER; Siemens Vacuum, 15.5kV, 1200A, - Contractor shall install

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ITEM	QTY	DESCRIPTION
		District furnished circuit breakers. Circuit breakers shall be delivered to site by the District. Contractor shall be responsible for, unloading, placement, assembly, adjustment, and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, materials and equipment necessary for complete installation.
E4	1 EA.	TRANSFORMER, STATION SERVICE, Single Phase, 12470/7200V grounded Y-120/240V, 25kVA– Contractor shall install District furnished transformer on its appropriate structure. Contractor shall be responsible for retrieval of the station service transformer from the District warehouse, transportation of the transformer to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation.
E5	3 EA.	TRANSFORMER POTENTIAL, Single Phase, 7200V-120V – Contractor shall install the District furnished potential transformers on the designated support structure. Contractor shall be responsible for retrieval of the potential transformers from the District warehouse, transportation of the potential transformers to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation.
E6	1 EA.	DISCONNECT SWITCH; VEE, 3-Phase, 69kV 1200A, Group OPERATED – Contractor shall install District furnished 3-phase group operated disconnect switch, swing handle operator, and interconnection linkage on its appropriate structure. Contractor shall be responsible for retrieval of the disconnect switch from the District warehouse, transportation of the disconnect switch to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, equipment, and material required for complete installation and adjustment.
E7	18 EA.	SWITCH; TANDEM, HOOKSTICK OPERATED, 15kV, 1200A – Contractor shall install the District furnished tandem disconnect switches as indicated per the Drawings. Contractor shall be responsible for retrieval of the disconnect switches from the District warehouse, transportation of the disconnect switches to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation and adjustment.
E8	18 EA.	SWITCH; HOOKSTICK OPERATED, 15kV, 1200A – Contractor shall install the District furnished disconnect switches as indicated per the Drawings. Contractor shall be responsible for retrieval of the disconnect switches from the District warehouse, transportation of the disconnect switches to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation and adjustment.
E9	4 EA.	SWITCH; FUSED, 15kV, with 100A Fuse and Mounting Assembly – Contractor shall install the District furnished fuse cutout. Contractor shall be responsible for retrieval of the fuse cutout from the District warehouse, transportation of the fuse cutout to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer's instructions. Contractor shall furnish all labor, equipment,

**FORKS SUBSTATION
CONSTRUCTION UNIT DESCRIPTION**

ITEM	QTY	DESCRIPTION
		hardware and material required for complete installation.
E10	3 EA.	REGULATOR BY-PASS SWITCH, 1200 A – Contractor shall install the District furnished Regulator By-Pass switches. Contractor shall be responsible for retrieval of the By-Pass switches from the District warehouse, transportation of the By-Pass switches to the project site, unloading and placement, complete assembly and operation in accordance with specifications, drawings, and manufacturer’s instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation and adjustment.
E11	39 EA.	INSULATOR, STATION POST, 110kV BIL, – Contractor shall install the station post insulators per the Drawings and Specifications, on the appropriate structures. Contractor shall furnish all labor, equipment, hardware, and material required for complete installation.
E14	3 EA.	SURGE ARRESTER, Station Class, 70 kV MCOV – Contractor shall install the District furnished surge arresters. Contractor shall be responsible for retrieval of surge arresters from District warehouse, loading, transport, placement, assembly, and operation in accordance with specifications, drawings, and manufacturer’s instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation.
E15	3EA.	SURGE ARRESTER, RISER POLE TYPE, 10.2kV MCOV, – Contractor shall install the District furnished surge arresters. Contractor shall be responsible for retrieval of surge arresters from District warehouse, loading, transport, placement, assembly, and operation in accordance with specifications, drawings, and manufacturer’s instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation.
E16	3 EA.	VOLTAGE REGULATOR, 500KVA with Beckwith Controller – Contractor shall install the District furnished voltage regulators. Contractor shall be responsible for retrieval of regulators from District warehouse, loading, transport, placement, assembly, and operation in accordance with specifications, drawings, and manufacturer’s instructions. Contractor shall furnish all labor, equipment, hardware and material required for complete installation.
E18	1 EA	YARD LIGHT; 200W equivalent, LED, 240VAC - Contractor shall furnish and install the yard lights, mounting arms, and photo controller per the Drawings and Specifications, on the appropriate structures. Contractor shall furnish all labor, equipment, and materials required for a complete outdoor lighting system.
E20	1 EA	CONTROL ENCLOSURE – Contractor shall install District furnished, pre-engineered Control Enclosure. Contractor shall be responsible for unloading the Control Enclosure at the project site and placing, leveling, and anchoring the enclosure on the foundation. Contractor shall furnish all labor, equipment, hardware, and material required for complete installation.
E21	1 LOT	CONTROL PANELS - Contractor shall install District furnished, pre-fabricated Control Panels. Contractor shall be responsible for unloading the Control Panels at the project site and placing, leveling, and anchoring the Control Panels on the foundation. Contractor shall terminate all Control Panel inter-panel wiring between panels #1, #2, #3, #4 and #6 and all of the external control cable wiring. Contractor shall furnish all labor, equipment, hardware, and material required for complete installation.
E22	1 LOT	BATTERY SYSTEM - Contractor shall install District furnished Battery System including the batteries, rack, charger, grounding and interconnections. Contractor shall be responsible for unloading the Battery System at the project site and placing, leveling, and anchoring the battery rack on the foundation. Contractor shall furnish all labor, equipment, hardware, and material required for complete installation.
F1	1 LOT	CONDUIT, LOW VOLTAGE – Contractor shall furnish and install all conduit, fittings, junction boxes, pull boxes, and all miscellaneous equipment and material required for a

**FORKS SUBSTATION
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ITEM	QTY	DESCRIPTION
		complete conduit system installation. Contractor shall provide all trenching, backfill and compaction for all conduit runs.
F2	1 LOT	CONDUIT, MEDIUM VOLTAGE, 12.47V FEEDER – Contractor shall install all conduit, fittings, pull boxes, and all miscellaneous equipment and material required for a complete conduit system installation. Contractor shall provide all trenching, backfill and compaction for all conduit runs.
G1	1 LOT	CABLE, LOW VOLTAGE POWER/CONTROL – Contractor shall install all single and multiconductor cables for all low voltage control and power circuits. Contractor shall furnish all labor, equipment and material required to pull and terminate the cable. Contractor shall furnish and install all terminating, marking, labeling (machine printed), and tying materials required for a complete installation.
H1	1 LOT	GROUNDING, STATION – Contractor shall install all copper ground conductor, ground rods, connectors, clamps, exothermic welds, molds, fittings, etc. Contractor shall furnish all labor, equipment and material (except 1/0 conductor) required to provide a complete station grounding system, including equipment and structure grounds. Contractor shall provide all trenching, backfill and compaction for all conductor runs.
J1	1 LOT	BUSWORK, RIGID – Contractor shall install all copper pipe, connectors, clamps, damping conductors, and fittings required for the rigid bus. Contractor shall furnish all labor and equipment required to provide a complete rigid bus system.
J2	1 LOT	BUSWORK, FLEXIBLE – Contractor shall install all conductors, connectors, clamps and fittings required for the flexible bus. Contractor shall furnish all labor, equipment, and materials required to connect all devices and provide a complete flexible bus system.
N1	1 LOT	MISCELLANEOUS MATERIAL – Contractor shall furnish and install all miscellaneous material and furnish labor, tools and equipment required for a complete substation. Please indicate any materials not already accounted for in other bid units.
Q1	1 LOT	DEMobilIZATION – Contractor shall be responsible for removal of all equipment, debris, and miscellaneous material on site. Contractor shall be responsible for coordination and complete demobilization. Site shall be clean and finish surfacing shall be smooth.

FORKS SUBSTATION							
CONSTRUCTION UNIT SUMMARY							
ITEM	DESCRIPTION	QTY		UNIT	UNIT	UNIT	EXTENDED
				LABOR	MATERIA L	LABOR &	COST
						MATERIAL	(LAB+MAT)
A1	MOBILIZATION	1	LOT				
B1	SITE PREPARATION, STATION	1	LOT				
B4	DEMOLITION	1	LOT				
C1	FOUNDATION, 69kV H-FRAME DEADEND STRUCTURE	2	EA				
C2	FOUNDATION, 69kV CIRCUIT SWITCHER	1	EA				
C4	FOUNDATION, 69kV LIGHTNING ARRESTER SUPPORT STRUCTURE	1	EA				
C8	FOUNDATION, CONTROL ENCLOSURE	1	EA				
C10	FOUNDATION, 15kV POWER CIRCUIT BREAKER	6	EA				
D2	STRUCTURAL STEEL, 69kV VEE SWITCH H- FRAME STRUCTURE	1	EA				
D3	STRUCTURAL STEEL, 69kV BUS SUPPORT STRUCTURE	3	EA				
E2	CIRCUIT SWITCHER, 69kV	1	EA				
E3	POWER CIRCUIT BREAKER 15.5kV	5	EA				
E4	STATION SERVICE TRANSFORMER, SINGLE PHASE	1	EA				
E5	POTENTIAL TRANSFORMER, 7200V-120V	3	EA				
E6	DISCONNECT SWITCH, VEE, 69kV GROUP OPERATED	1	EA				

E7	SWITCH; TANDEM, HOOKSTICK OPERATED 15kV	18	EA				
E8	SWITCH; HOOKSTICK OPERATED 15kV	18	EA				
E9	SWITCH; FUSED 15KV	4	EA				
E10	REGULATOR BY- PASS SWITCH 1200A	3	EA				
E11	INSULATOR, STATION POST 110kV	39	EA				
E14	SURGE ARRESTER	3	EA				
E15	SURGE ARRESTER, RISER POLE TYPE	3	EA				
E16	VOLTAGE REGULATOR 500kVA	3	EA				
E18	YARD LIGHT	1	EA				
E20	CONTROL ENCLOSURE	1	EA				
E21	CONTROL PANELS	1	LOT				
E22	BATTERY SYSTEM	1	LOT				
F1	CONDUIT, LOW VOLTAGE	1	LOT				
F2	CONDUIT, MEDIUM VOLTAGE, 12.47kV FEEDER	1	LOT				
G1	CABLE, POWER/CONTROL VOLTAGE	1	LOT				
H1	GROUNDING, STATION	1	LOT				
J1	BUSWORK, RIGID	1	LOT				
J2	BUSWORK, FLEXIBLE	1	LOT				
N1	MISCELLANEOUS MATERIAL	1	LOT				
Q1	DEMOBILIZATION	1	LOT				

Total

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The undersigned has examined the Specifications, Exhibits Maps and Drawings; is familiar with the ground conditions at the site; and in accordance with the terms and provisions of the foregoing, the following prices are tendered as an offer to perform the work required:

In accordance with Section I, Notice and Instructions to Bidders, Item 2, "Scope of Bid" for Transmission Pole Replacement with Distribution and Fiber from Airport Road to Cherry Street, Port Angeles, WA, Work Order #18-0210

TOTAL PROJECT COST
(Do not include WSST)

\$ _____

Preliminary Project Plan and Schedule attached?

Yes _____ No _____

Starting Date: No later than June 1, 2022

Completion Date: No later than September 1, 2022

LIQUIDATED DAMAGES

Time is of the essence of this Contract. Construction of the Project shall be completed on or before September 1, 2022. As liquidated damages, and not as a penalty, the District will deduct \$200.00 from the quoted cost for each calendar day after September 1, 2022, that Project completion is delayed.

Any alternative or exceptions to the Contract Documents:

3. The Contractor acknowledges having made a careful examination of the Project and of the Plans, Specifications, Construction Drawings, and of all contract documents on file with the District and has become informed as to the location and nature of the proposed construction; the transportation facilities; the kind and character of soil and terrain to be encountered; the kind of equipment, tools, and other facilities required before and during the construction of the Project; and has become acquainted with the availability status of materials to be furnished by the District and with the labor conditions which would affect work on the Project, and all other matters that may affect the cost and time of completion of the Project.
4. The Contractor warrants possession of adequate financial resources for the performance of the work covered by this Proposal and that the firm will provide necessary tools, materials, and equipment and a qualified foreman, superintendent, and other employees.
5. Prequalification in accordance with R.C.W. 54.04.085 has been complied with.
6. Contractor Information:

State of Washington Contractor's License Number:	
Expiration Date:	
State of Washington UBI Number (Unified Business Identifier):	
Employer's Identification Number (the number used by companies when filing their Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941):	
Sole Proprietorship, Partnership, or Corporation:	

7. Contractor's Safety Contact Person. The Contractor's Safety Contact Person is listed below, along with that person's telephone number(s). The Contractor shall notify the District in the event that the Safety Contact Person changes.

Name	Telephone Number

The Contractor is required to adhere to the Washington State COVID-19 Health and Safety requirements in effect at the time of the work. The latest State Guidance can be found at the following link:

<https://www.governor.wa.gov/issues/issues/covid-19-resources/covid-19-reopening-guidance-businesses-and-workers>

8. Subcontractors. Any and all subcontractors to be employed on the Project are listed below. **The Contractor understands that any subcontractor not listed in this Proposal will be denied access to the Project unless such change or substitution has been approved in advance by the District and executed by a change order prior to work starting by subcontractor.**

Name	Address	Type of Work

9. Attached hereto is a Certified Check, Cashier's Check, or Bid Bond in the amount of _____ Dollars (\$_____) drawn in favor of Public Utility District No. 1 of Clallam County, this amount being not less than

five percent (5%) of the total bid.

Bidder: _____

By: _____
(Signature)

(Typed)

Title: _____

Date: _____

Mailing Address:	_____ _____ _____
Street Address:	_____ _____ _____
Telephone Number:	_____
FAX Number:	_____
E-Mail Address:	_____