

ADDENDUM #1

Tender No. ENG 25-04 – Uganda Pump Station Upgrades

Please note the following Change to the Revised Appendix 1 – Schedule of Quantities and Prices, Revised Supplementary Specification, and Questions and Answers for the above noted Tender is to be known as Addendum #1. Bidders are to reference receipt of Addendum #1 in their submission.

Additions, Revisions, and Clarifications

1. A revised – *Appendix 1 – Schedule of Quantities and Prices – Form of Tender* is attached with updated payment items. You must use this revised – appendix 1 when submitting your Tender.
2. A revised – *Supplementary Specifications* is attached. You must use this revised – Supplementary Specifications when submitting your Tender.

Clarification:

All **tender submissions and inquiries** are to be directed to both of the following contacts:

- Pearl Barnard – pearl.barnard@esquimalt.ca
- Charles Davie – charles.davie@esquimalt.ca

Bidder Questions and Township Answers:

Question #1: Which pay item does the permanent shoring and access platform fall under?

Answer #1: The scope related to permanent shoring and access platform is now reflected in the revised Schedule of Quantities and Unit Prices under the following items:

- **Item 1.12 – Ladder / Folding Metal Access Platform** (refer to SS Clause 1.12)
- **Item 1.15 – Steel Shoring** (refer to SS Clause 1.15)

Question #2: Could you provide some additional details regarding the boulevard planting media pay item. It's showed as a lump sum, but it is unclear of what is exactly involved in this scope.

Answer #2: The boulevard planting media pay item has been removed from the revised Schedule of Quantities and Unit Prices. This scope has now been consolidated under Item 4.6 – Boulevard Topsoil.

UGANDA LIFT STATION UPGRADES

ITEM	SSMP REF.	DESCRIPTION	Unit	Est. Qty.	Unit Price	Amount
DIVISION 1 - GENERAL REQUIREMENTS						
01 10 00SS - General Requirements						
1.1	1.2S	Survey Layout, Quantity Survey, Volume Calculations and Record Survey	Lump Sum	1		
1.2	1.3S	Concrete cutting, removal and disposal	Lump Sum	1		
1.3	1.4S	Electrical/Communication Duct/Cabling	LM	55		
1.4	1.5S	Electrical Kiosk	Lump Sum	1		
1.5	1.6S	Pumps - including base	Each	2		
1.6	1.7S	Piping, Supports, and Fittings	Lump Sum	1		
1.7	1.8S	Plug Valves	Lump Sum	6		
1.8	1.9S	Check Valves	Each	2		
1.9	1.10S	OPTIONAL Flow Meter	Each	1		
1.10	1.11S	Hatches	Lump Sum	1		
1.11	1.12S	Ladder / Folding Metal Access Platform	Lump Sum	1		
1.12	1.13S	Vent	Lump Sum	1		
1.13	1.14S	OPTIONAL Generator	Lump Sum	1		
1.14	1.15S	Steel Shoring	Lump Sum	1		
01 52 01 - Temporary Structures						
1.14	1.6.2S	Mobilization/Demobilization	Lump Sum	1		
1.15	1.6.3S	Contaminated Soil Testing	Lump Sum	1		
01 53 01 - Temporary Facilities						
1.16	1.11S	Temporary Utility Pole Support	Lump Sum	1		
1.17	1.12S	Bypass pumping	Lump Sum	1		
01 55 00 - Traffic Control, Vehicle Access and Parking						
1.18	1.5.1	Traffic Management Plan	Lump Sum	1		
1.19	1.5.2S	Traffic Control, Vehicle Access and Parking	Lump Sum	1		
DIVISION 3 - CONCRETE						
03 30 53 - Cast-In-Place Concrete						
2.1	1.52S	Concrete Generator Slab Supply and install 300mm thick reinforced concrete slab including subgrade preparation and granular base. Excludes specified reinforcement.	Lump Sum	1		
2.2	1.56S	Concrete Generator Slab - Reinforcement Reinforcing steel as specified.	Lump Sum	1		

ITEM	SSMP REF.	DESCRIPTION	Unit	Est. Qty.	Unit Price	Amount
DIVISION 31 - EARTHWORK						
31 11 01 - Clearing and Grubbing						
3.1	1.4.1S	Clearing and Grubbing	Square Metre	120		
DIVISION 32 - ROAD AND SITE IMPROVEMENTS						
32 11 23 - Granular Base						
4.1	1.4.1S	19mm Minus Granular Base - Driveway 100mm thickness	Lump Sum	1		
32 13 13 - Portland Cement Concrete Paving						
4.3	1.5S	Concrete Driveway Paving Reinstate per existing thickness	Lump Sum	1		
32 31 13 - Chain Link Fences & Gates						
4.4	1.5.5S	Bollards Supply and Install	Each	5		
32 91 21 - Topsoil and Finish Grading						
4.6	1.4.1S	Boulevard Topsoil (150mm Thickness)	Square Metres	5		
32 92 20 - Seeding						
4.7	1.8.1	Seeding	Square Metres	5		

TOWNSHIP OF ESQUIMALT - SUPPLEMENTARY SPECIFICATIONS

Revise the following MMCD Specifications 2019 Edition

DIVISION 1 - GENERAL REQUIREMENTS			
SECTION	SUB SECTION	TITLE	SUPPLEMENTARY SPECIFICATION
01 10 00SS		General Requirements	
	1.0	General	Add Clause 1.1: "Section 01 10 00SS addresses additional measurement and payment clauses which do not apply to other specification sections."
	1.2	Payment	Add Clause 1.2: " .1 Payment shall be based on the Lump Sum bid in the Schedule of Quantities and Unit Prices as measured and accepted by the <i>Contract Administrator</i> . Payment shall be accepted as full compensation for everything furnished and done. .2 Payment of the lump sum bid will be paid in equal amounts each month. .3 The <i>Contractor</i> is responsible for all staking and survey layout and quantity calculations required for the completion of all Work, as shown on the Contract Drawings, and to affect incidental field adjustments. .4 The unit price bid shall include, but not be limited to: all survey layout, staking/nails, calculations of volumes required for tender items, coordination required for the completion of the work, record survey, and all other work and materials incidental and necessary to complete the Work to provide a functional system. .5 Any calculations necessary shall be performed by the <i>Contractor</i> and shall be provided to the Contract Administrator at any time upon request. Information shall include both text files and any CAD drawings.".
	1.3	Concrete Cutting	Add Clause 1.3: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done. The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to coring and cutting, and appropriate disposal of removed materials"
	1.4	Electrical/Communication Duct/Cabling	Add Clause 1.4: "Payment shall be based on the Lineal Meter bid in the Schedule of Quantities and Unit Prices as measured and accepted by the Contract Administrator. Payment shall be accepted as full compensation for everything furnished and done. Payment of the Lineal Meter bid will be paid by completeness as submitted by the Contractor and accepted by the Contract Administrator. The price bid shall include, but not be limited to the following work: Supply and Installation of specified conduits and cabling for power and communications, earthworks (trenching, backfilling, compaction), end to end testing, warning tape, cleaning of ducts before laying, capping during construction, pull line, penetration sealing, identification, termination ends, connections to existing service and replacement of main service breaker, connection to pumps and to (optional) generator and ATS.

	1.5	Electrical Kiosk	<p>Add Clause 1.5: "Payment shall be 50% per acceptance of shop drawings and 50% upon complete commissioning. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall include, but not limited to, the following work and items:</p> <ul style="list-style-type: none"> • Doubled Sided 4-door Electrical Kiosk • Main Service entrance rated Breaker, Splitter and Surge Protection Device • Distribution Panel, Kiosk Lighting, heating, ventilation and temperature control (thermostats). • Automatic Transfer Switch • 25HP VFD Panels to interface to existing control panel.
	1.6	Pumps	<p>Add Clause 1.6: "Payment shall be 50% of approved shop drawings and 50% upon successful commissioning. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply and installation of the pumps, inclusive of the pump base.</p>
	1.7	Piping, Supports and Fittings	<p>Add Clause 1.7: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply of custom stainless steel spool pieces, elbows, tees, reducers, flange connections, and pipe supports. Scope to include a custom spool piece to go in place of the flow meter if purchase of the flow meter is deferred.</p>
	1.8	Plug Valves	<p>Add Clause 1.8: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply and installation of plug valves as specified.</p>
	1.9	Check Valves	<p>Add Clause 1.9: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply and installation of check valves as specified.</p>

	1.10	OPTIONAL Flow Meter	<p>Add Clause 1.10: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done. Note the supply and installation of this is OPTIONAL work and shall included for a credit to not include spool piece.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply and installation of a flow meter. Please note this is an optional item which may be excluded at the instruction of the Township of Esquimalt.</p>
	1.11	Hatches	<p>Add Clause 1.11: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply and installation of the hatches and all associated hardware."</p>
	1.12	Ladder/ Folding Metal Access Platform	<p>Add Clause 1.12: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the engineering, supply and installation of the ladder, the folding metal access platform, and all associated hardware."</p>
	1.13	Vent	<p>Add Clause 1.13: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to removal and disposal of the existing vent, sealing of the existing vent hole, coring of new vent hole, supply and installation of new vent.</p>
	1.14	OPTIONAL Generator	<p>Add Clause 1.14: "Payment shall be 50% upon approved hop drawings and 50% upon commissioning. Payment shall be accepted as full compensation for everything furnished and done. Note this work is Optional.</p> <ul style="list-style-type: none"> • 50kW 120/208V 60Hz 3Ph, 4W Diesel fueled standby generator • Level 2 Sound attenuated enclosure including intake and exhaust openings and motorized dampers. • Basis of approval: Generac SD050 • Automatic transfer switch (ATS) • Installation and commissioning of generator and ATS • Manufacturer commissioning, setup and on-site load bank testing. <p>Refer to sections 20 of the electrical specifications on Sheet E-900 of the drawing package for all requirements.</p>
	1.15	Steel Shoring	<p>Add Clause 1.15: "Payment shall be lump sum. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>The price bid shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work including but not limited to the supply and installation of the steel shoring and all associated hardware, mill certificates, galvanizing and touch ups."</p>
01 52 01		Temporary Structures	
	1.1	Section Includes	Add Clause 1.1.4: "Mobilization/Demobilization."

	1.6	Payment	<p>Add Clause 1.6.2: "Payment for mobilization and demobilization shall include all the Contractor costs of mobilization at the beginning of the project and the cost of demobilization at the end of the project.</p> <ol style="list-style-type: none"> 1. Included in the mobilization are such items as bonding, insurance, permits, moving personnel, equipment and materials to the site, setting up temporary facilities and all preparation for performing the Work. 2. Included in demobilization are preparation and submission of record drawings, operation and maintenance manuals, removal of all personnel, equipment, temporary tape/paint, and materials and cleanup of the Site and the Work. 3. The lump sum price bid for this work shall be relative to the costs involved but shall not exceed ten percent of the Tender Price. 4. Payment shall be made as follows, as approved by the <i>Contract Administrator</i>: <ol style="list-style-type: none"> 1. 60% of the lump sum bid will be included in the first progress payment certificate. 2. 40% of the lump sum bid will be included in the final progress payment certificate. 5. The <i>Contract Administrator</i> may at their discretion authorize partial payment if mobilization or demobilization is not complete. 6. The cost of other items specified under General Requirements shall be considered incidental to the work and separate payment will not be made for any other items in the General Requirements unless specifically noted in the Schedule of Quantities and Prices."
	1.6	Payment	<p>Add clause 1.6.3: " Payment for soil testing will be made as a lump sum. Payment will include all equipment, materials, labor, and analysis necessary to meet the requirements of local disposal sites on Vancouver Island, as well as all applicable provincial regulations. The scope of testing must include all areas and work indicated on the contract drawings. Payment will be upon submitted results of the soil testing as approved by the <i>Contract Administrator</i>"</p>
01 53 01		Temporary Facilities	
	1.1	Section Includes	<p>Add Clause 1.1.5: "Temporary Utility Pole Support During Construction."</p>
	1.11	Temporary Utility Pole Support During Construction	<p>Add Clause 1.1.11: "Temporary Utility Pole Support During Construction."</p> <p>Add Clause 1.11.1: "Provide temporary support for Utility Poles (both power and communications) during construction as required to allow for work adjacent to poles."</p> <p>Add Clause 1.11.2: "Contractors working on utility poles must be able to perform switching on the BC Hydro system."</p>
	1.9	Payment	<p>Add Clause 1.9.2:"Payment for all work related to the management of sanitary flows (noise attenuating by-pass pumping isolation, blocking, diverting, etc.) including preparation of an approved bypass plan, and the supply installation, maintenance and removal of the temporary system.</p> <p>The <i>Contractor</i> will be entitled to 50% of the payment item on the first progress payment after the bypass system is in place and 50% on the first progress payment following dismantling and removal of the bypass system."</p>
01 55 00		Traffic Control, Vehicle Access and Parking	
	1.5	Payment	<p>Add Clause 1.5.2: "Payment for traffic control will be progressed monthly using a percentage based on the overall completion of the project as determined by the <i>Contract Administrator</i>."</p>
DIVISION 3 - CONCRETE			
03 30 53		Cast-In-Place Concrete	
	1.5	Measurement and Payment	<p>Revise clause 1.5.2 to read: "Payment for cast-in-place slabs will be made as lump sum and includes all form work, drain holes, concrete footing and subgrade preparation and granular sub- base all as shown on contract drawings. The unit price shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work."</p>

	1.5	Measurement and Payment	Add Clause 1.5.6: "Payment will be made as lump sum for all reinforcement installed and accepted. The unit price shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work."
DIVISION 31 - EARTHWORK			
31 11 01		Clearing and Grubbing	
	1.4	Measurement and Payment	Revise clause 1.4.1 to read: "Payment for all clearing and grubbing items includes the removal and disposal of all branches, stumps, timber, shrubs, bushes, small trees, and other vegetation remains. Payment also includes the salvage and delivery of any irrigation components designated for reuse to the Township of Esquimalt Public Works Yard."
DIVISION 32 - ROAD AND SITE IMPROVEMENTS			
32 11 23		Granular Base	
	1.4	Measurement and Payment	Add Clause 1.4.5 to read: "Measurement for payment for granular base under concrete driveways is made under Section 32 13 13 – Portland Cement Concrete Paving, paragraph 1.4.3. "
32 13 13		Portland Cement Concrete Paving	
	1.4	Measurement and Payment	Delete Clauses 1.4.1. and 1.42.
	1.5	Measurement and Payment	Revised Clause 1.4.3 to read: " Payment for Portland cement concrete paving includes the necessary form work supply of concrete construction in alternate panels if required tie bars and towels compaction curing adjusting and cleaning frames covers and lids of all castings affected prior to paving. Payment includes for the saw cutting, and removal of concrete driveway to the extents shown on the Contract Documents. For driveways payment also includes, wire mesh, backfill of trench and the supply, placement and compaction of 100mm of granular base beneath the concrete. Measurement of Portland cement concrete paving will be by square meter of actual place material as approved by the <i>Contract Administrator</i> . "
32 31 13		Chain Link Fences & Gates	
	1.5	Measurement and Payment	Add clause 1.5.5: "Payment for installation of bollards includes supply, install, and all labour, equipment and material required to install the material where shown on the Contract Drawings and per the manufacturers recommendations. Payment will be made for each complete item of each type installed."
32 91 21		Topsoil and Finish Grading	
	1.4	Measurement and Payment	Revised Clause 1.4.1 to read: "Payment for import topsoil includes supply of materials, on-site handling, subgrade preparation, placement to thickness specified, application of fertilizers and finished grading. Payment for import topsoil will be made by actual area placed and compacted by landscape roller to the specified thickness as approved by the <i>Contract Administrator</i> ."
32 92 19		Hydraulic Seeding	
	1.8.1	Measurement and Payment	Add to the end of Clause 1.8.1: "Hydraulic seeding type to Township's acceptance of Seed Type."