

Distribution Underground (DUct) Construction

Unit Feedback Conference Call #2 – March 15th, 2018

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QUESTION FROM BC HYDRO	FEEDBACK
1- Is the presentation of the information (scope of work, unit application) clear and useful? How would you suggest changing the format to make each unit's description, etc. more practical and/or easier to work with in the future?	<i>No feedback provided</i>
2- Are there specific unit work scopes that need more clarification? If yes, which ones? Please explain why these unit scopes are unclear and/or any suggestions in how to make them clearer?	<p>Suggestions are:</p> <ol style="list-style-type: none"> 1. Clarify compaction equipment as required is included in the installation unit price. 2. Excavator Transport – include within 50 km radius and an additional unit of every 50 Km beyond would quantify the units. 3. Pick up, Delivery of BC Hydro Equipment – include within 50 km and an additional km unit for greater than 50 Km. E.g.: to cover hauling equipment from Prince George to Williams Lake if required 4. Some units such as unit 25, Lighted road signals and signs should be quantified as there could be a variable amount required. 5. Traffic control tech – traffic control typically requires 2 TCP's, include two in the line item.
	Regarding D45, disposable native soil- the unit is square m. but no there is no limit to the depth. We would like clarification on the depth.
	Regarding compaction testing of trenching. Is it a 1000lb plate under tampered equipment or is it just a jumping jack or does it cover all compaction? Resources are available to do compaction testing as required. We know that inspectors and engineers are looking for this.
	HVAC should have a spotter with the operator as BCH work often requires this for safety. This should be noted as included in the unit price
3- What can BCH include in the RFP that would make pricing these units easier?	For clarification the installation and restoration descriptors all related equipment to perform the task unless listed could be included

4- We want to balance the financial risk between BC Hydro and you, the civil Contractors. This means the civil Contractors are asked to factor in their unit labour and equipment costs, and the overhead costs of training, safety and quality programs.

No feedback provided

a- Is this a model that your company can use to price units effectively?

b- Are there aspects of the Distribution Underground Construction work that are difficult to price across multiple units? If yes, please explain these aspects.

5- Are there additional variable units that you feel should be added to address variability in work? For example, regional considerations, seasonal weather fluctuations. If yes, what are they?

The addition of a cold weather variable to include a ground thaw unit would be useful.

Adding a cold weather percentage markup (i.e. 30%) on work performed in frozen conditions would take some of the risk out for the contractor and reduce the general additional costs that would need to be applied across the board.

Environmental requirements regarding HVAC and disposal.

With regard to fire danger - there is a requirement to have fire equipment in our area. I don't see anything for that

	<p>1. Equipment to thaw the ground. They are fairly pricey. If this needs to be captured in overhead, it will raise unit prices across the board unless it is separated out.</p> <p>2. Snow removal- but that could be considered normal equipment costs</p> <p>Some utility companies add a markup for cold weather conditions – such as anything below 4 degrees to allow for the extra time and needs for concrete. This would create more specific unit costs.</p>
	<p>A snow removal unit would be helpful as here in the south Thompson region, they charge us to remove snow by the truck load. However, we don't usually do big projects in the winter</p>
	<p>A danger tree assessment is not currently listed</p>
<p>6- Do you have any additional questions or comments that you would like to share on the Unit List?</p>	<p>Suggest changing units 5 through 8 to reflect the depth of 1.2m to align with Work Safe BC's requirement for sloping trenches greater than 1.2M. This would address the inclusion of a shoring cage in the unit price as well.</p>
	<p>Please clarify if all personnel on site require a Raceway ticket or if it is just the senior person.</p>
	<p>With respect to pole holding, please confirm if we can we use anybody or if there is a pre-approved list. Please confirm is a pole assessment will be a separate unit as somebody will have to go out ahead of time to assess it.</p>