

Questions and Answers:

Q: Is any borehole of geotechnical information available at the area of the 2-75mm HDPE ducts installed by directional drilling as shown on drawing C10?

A: No

Q: Please provide more info (size, depth) or details for the E-27 electrical traffic MH complete with F4 frame & grate, as noted on drawing C10.

A: E-27 Rectangle Electrical Handhole dimension 0.99mx300mmx500mm (ID) and F4 Rectangular Frame and Cover dimension 0.07m x508mmx711mm. see manufactural such as <https://www.utilitystructures.com/>

Q: Is the sidewalk removal & reinstatement as shown on drawing C10, priced in the Lump Sum or Unit Prices. If Unit Price, which Unit Price Items?

A: For unit price items; Refer to Appendix 1 > Unit Price Table

Q: Is the REMOVE DETERIORATED CONCRETE AS DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE as shown at CB6 on drawing C10 priced in the Lump Sum or Unit Prices. If Unit Price, which Unit Price Items?

A: For unit price items; Refer to Appendix 1 > Unit Price Table.

Q: Please advise if the galvanized steel mesh as shown on drawing S04 and S05 priced in the Lump Sum or Unit Prices. If Unit Price, which Unit Price Items?

A: For unit price items; Refer to Appendix 1 > Unit Price Table.

Q: Please advise if the removal and reinstatement of railings and posts as shown on drawing S07 and S08 is priced in the Lump Sum or Unit Prices. If Unit Price, which Unit Price Items?

A: For unit price items; Refer to Appendix 1 > Unit Price Table.

Q: Please advise if the removal of the existing steel beam guiderail as shown on drawing S07 is priced in the Lump Sum or Unit Price item 03.

A: For unit price items; Refer to Appendix 1 > Unit Price Table

Q: Please advise if the removal of the existing steel beam guiderail as shown on drawing S09 is priced in the Lump Sum or Unit Price item 03.

A: For unit price items; Refer to Appendix 1 > Unit Price Table

Q: Please advise if the rebar and dowels as shown on 2/S15 are black and or galvanized?

A: Rebar and dowels showing in the new concrete slab are black. (concrete cover more than 150mm, black should be fine according to MTO approach slab design)

Q: Please advise if Unit Price item 28 Reinforcing Steel is for Stainless or black bar or both. If both, please provide the quantity of each for estimating purposes

A: Unit Price Item 28 includes the tonnage of both Stainless and Black Steel. Tonnage of Stainless Steel is 2.6 t.

Q: Please advise if the supply of the dowel bar for unit price item 29, 30, 31 is included in unit price item 27/28 or in unit price item 29, 30 and 31

A: The dowels are included in the quantity provided for unit price item 27/28

Q: Please clarify if unit price item 33 Concrete in Barrier and Parapet Wall Footings includes the concrete approach slab as shown on 3/S08 at the east approach or does unit price item 33 include concrete footing at the west approach only as shown drawing S10?

A: Unit price item 33 includes concrete footings at west approach only.

Q: Part 1.2.1 of specification section 31 23 33.01 states that the work in that section is paid under the lump sum, but unit price item 06 is Excavation. Please clarify if section 31 23 33.01 is paid under lump sum or unit price.

A: For unit price items; Refer to Appendix 1 > Unit Price Table.

Q: Note 11 on drawing C01 states EXISTING PAVEMENT MARKINGS TO BE REMOVED ON ROADWAY ADJACENT TO WORK ZONE AND WITHIN BUFFER ZONES. PAVEMENT MARKINGS TO BE REINSTATED AFTER COMPLETION OF WORK. For pricing purposes please clarify and advise on the size and extent of the adjacent and buffer zones area as they are not indicated on the drawings

A: Dwg C01 is a proposed conceptual plan only. It is the responsibility of the contractor to develop their own plan, that may differ from the proposed plan as needed, and submit for approval by the Departmental Representative and City of Kingston.

Q: Part 1.1.2 of specification section 02 41 13 states that the work in that section is paid under the lump sum. Please advise if the following elements listed in part 1.2.1 of section 02 41 13 are paid in the lump sum or unit price:

Part 1.2.1.3 Full depth concrete removal of the east approach slab of the Bascule Bridge and granular fill beneath slab. Unit Price item 21 Concrete Removal - Full Depth (Approach Slabs)?

Part 1.2.1.4 Full depth concrete removal of sections of concrete slab at west Bascule Bridge approach. Unit Price item 21 Concrete Removal - Full Depth (Approach Slabs)?

Part 1.2.1.6 Removal of sidewalk and curb at south end of east Bascule Bridge approach. Unit Price item 04 Removal of Concrete Curbs and Unit Price item 07 Concrete Removals - Full Depth (Sidewalks)?

Part 1.2.1.7 Partial depth concrete removals of concrete stairs and slab around control room and machine room slab soffit. Unit Price item 23 Concrete Removals - Partial Depth (Machine Room Slab Soffit) and Unit Price item 24 Concrete Removals - Partial Depth (Control Room Stairs & Base Slab)?

Part 1.2.1.8 Railing around control room . Unit Price item 19 Removal and Disposal of Railings?

Part 1.2.1.9 Steel beam guiderails at Bascule Bridge approaches. Unit Price item 3 Steel Beam Guiderail Removal?

Part 1.2.1.10 Partial depth concrete removals of the sidewalk and south deck soffit fascia and cantilever at East Bridge. Unit Price item 22 Concrete Removals - Partial Depth (Deck Soffit & Fascias)?

Part 1.2.1.11 Partial depth concrete removals of the concrete apron at West Wharf. Unit Price item 26
Concrete Removals - Partial Depth (Concrete Apron)?

Part 1.2.1.14 Removal of concrete curb at west side of East Wharf entrance. Unit Price item 04 Removal
Of Concrete Curbs?

A: For unit price items; Refer to Appendix 1 > Unit Price Table

Q: Please advise if the unit of measure for unit price item 07 and 09 should be changed from m3 to m2?

A: The unit of measure for these items is m3.

Q: Please provide more information on unit price item 40 Routing and Sealing of Cracks in Sidewalk.
Please provide detail or min width and depth of route and the seal material specification.

A: Refer to OPSS.MUNI 932 for repair details.

Q: Please advise for pricing purposes the number of bolts required for drawing S01 Scope of Work item
9 'replace missing and loose bolts on the thrie-beam splices of the roadside barrier'.

A: Approximately 165 bolts require replacement. Exact quantity of bolts requiring replacement shall be
determined on site by the Departmental Representative.

Q: Please advise for pricing purposes if cofferdams or dewatering is required for the work shown on
drawing S14 and S15

A: No

Q: Please advise where the Bridge Machine Room located, as referenced on drawing S04 and unit price
item 23/39?

A: West end of Bascule Bridge.

Q: Please advise if the removal of granular fill beneath slab as noted in part 1.2.1.3 of specification
section 02 41 13 is included in unit price item 06 Earth Excavation

A: Yes, it is included.

Q: Please advise if the removal of granular fill beneath slab as noted in part 1.2.1.12 of specification
section 02 41 13 is included in unit price item 06 Earth Excavation

A: No, it is not included

Q: Please advise if the new concrete barrier wall as shown on drawing S10 and S13 is to be priced in
unit price item 16 Concrete Barrier per OPSD 911.130?

A: New barrier wall on the southwest (showing on s13,17m long) should be built as per s13.

Q: Please clarify if the new concrete barrier wall shall be as per OPSD 911.130 or as per drawing S13?

A: The concrete barrier shall be as per Drawings S13. Description of Item 16 should be corrected to
"Concrete in Barrier Walls"

Q: There appears to be a discrepancy between the width of the Parapet and Barrier wall footings as shown on drawing S10 and as shown on drawing S12 and S13. On drawing S10 the bottom of the footing is 2500 wide (2200 +300). On drawing S12 and S13 the same footing is shown as 2200 wide. Please clarify.

A: Drawing s10 footing size 2500mm is correct. 2200mm on s12, s13 should be 2500mm.