

Questions and Answers- Amendment 008

Question 1: On the unit price schedule there are several unit items for both “install grout tubes” and “install deep grout tubes”. It is not clear from the drawings and specification the difference in depth between grout tubes and deep grout tubes. Please provide the depth or depth ranges for both.

Answer 1: See Answer #2 below.

Question 2: The “typical dutchman – elevation”, “typical partial dutchman – elevation” and the “typical full stone repair – elevation” on drawings 63, 64 and 65 state “drill 600-1000 mm deep and insert 13mm tube for deep grouting see dwg. No. 68”. Drawing 68 shows grout tubes approximately 300mm deep. Please clarify.

Answer 2:

Grout Tubes: As shown on drawing details for Typical Dutchman, Typical Partial Dutchman and Typical Full Stone Repairs (Drawings 63 to 65), grout tubes shall be of sufficient length to extend beyond the back of the repair stone (dutchman, partial dutchman or full stone) being installed. Repair stones vary in thickness from 250mm for all Dutchman repairs and up to 600mm for full stone repairs. The length of these grout tubes will vary accordingly and will be paid under the following items:

U33 – Install Grout Tubes

U35 – Install Grout Tubes – Sluice Tunnels

U37 – Install Grout Tubes – Underwater

Deep Grout Tubes: Deep grout tubes are specified for grouting voids in existing masonry that is beyond the limits of deep back pointing (deeper than 300mm). The length of these grout tubes shall be long enough to extend past the back of the deep back pointing as shown in Drawing #68. These grout tubes are paid under the following items:

U34 – Install Deep Grout Tubes

U36 – Install Deep Grout Tubes – Sluice Tunnels

U38 – Install Deep Grout Tubes – Underwater

U39 – Install Deep Grout Tubes for Leaking Areas

U40 – Install Deep Grout Tubes for Additional Leaking Areas

Question 3: Question from piling sub: The simplified soil strata showing BH85-9 and BH85-10 showing “structure” around 1.8m to 3.4m below drilling elevation. Can you clarify with the consultant that if this is expected for the entire length of secant piles wall as well?

Answer 3: Secant wall and sheet pile wall is located beyond (upstream of) the subsurface structures identified in the borehole information provided. Additional borehole information is provided in Amendment #008.

Question 4: As discussed, we are currently dealing with supply issues regarding ACQ treatment. Would CCA preservative, or Terra MCA Preservative be accepted in this application? We have supplied CCA on similar projects like Lower Nicholson and Black Rapids Wharf replacements for Parks Canada in the past. Please advise.

Answer 4: Wood preservatives are to be as per specifications.