INVITATION TO TENDER "ITT" PS20170789

STANLEY PARK SEAWALL REPAIRS: PHASE 1

QUESTIONS AND ANSWERS NO.4

May 19, 2017

Q1	In Q&A #2, Q3 and A3 do not state the total lm of this type of wall - please specify.
A1	**Extents of the typical wall connection detail with adjacent wall is shown on drawing S-104.**
Q2	In Q&A #2, Q11 and A 11 did not answer if the beach needs to be excavated at all or is the filter stone/rip rap buildup simply placed on the existing beach material.
A2	**The beach needs to be excavated for the placement of the filter stone layer as shown on drawing S-105**
Q3	In Q&A #2, Q14 and A14 please answer the question – is tremie concrete required from station 2+040 to 2+056.
A3	**Detail 1 on Drawing S-105 refers to repair for Sta 2+040 to Sta 2+056 of the wall.**
Q4	On the alternate wall there is a possibility that we may encounter bedrock when trying to excavate out for the wall, please clarify that rock excavation will be paid as an extra at a unit rate
A4	**It is unlikely that rock would be encountered at English Bay. However, if encountered, rock excavation will be paid as an extra at the unit rate based on the revised Table 3 – List of Unit Prices in Schedule A. Refer to Amendment No. 3.**
Q5	Is an archaeological monitor required in the contract for the alternate seawall construction?
A5	**Archaeological monitoring will be provided by the Consultant.**
Q6	Please indicate that supply of granite by the contractor is not required for the alternate wall?
A6	**The Contractor is responsible for supply of all materials required to complete the Work. Please refer to Questions and Answers No. 3, A4.**

City of Vancouver
Finance, Risk and Supply Chain Management - Supply Chain Management
453 West 12th Avenue
Vancouver, British Columbia V5Y 1V4 Canada
tel: 604.873.7263 *fax:* 604.873.7057
website: vancouver.ca

2016 BC's Top Employers

Q7	Please indicate who supplies the granite cap stone on the alternate wall.
A7	**The Contractor is responsible for supply of all materials required to complete the Work. Please refer to Questions and Answers No. 3, A2.**
Q8	Will concrete, stone and misc. construction debris found in the excavation behind the wall be paid at a separate unit rate? If so, can a line item for that unit rate be provided?
A8	**No separate unit rate will be paid for construction debris. The stipulated price is to include all excavation and disposal.**
Q9	Some of the wall is made up of rubble with no pattern to it. Mapping of the rubble and replacement of it would be impossible. Please provide a payment line item for the provision of new stone to make up the shortfall.
A9	**Please refer to Table 3 – List of Unit Prices in Schedule A as amended by Amendment No. 3.**
Q10	Drawing S-108 – can you provide the spacing for the 32mm diameter anchor rod which hold the new/re-installed granite stone at the top of the sea wall?
A10	**Allow minimum two bolts per granite stone sections.**
Q11	Drawing C-331 – detail for typical edge spall repair, can you provide spacing of the 13mm diameter stud?
A11	**Spacing for 13mm diameter headed studs are 300mm centres.**
Q12	On drawing C-180 – can you define the type of repair on WP47, WP48, WP49, WP 50, WP 51 and WP52? Or is it not part of this scope?
A12	**The Work Points (WP) on drawing C-180 are to identify the station locations.**
Q13	Drawing C-300 and C-301 show the work scope for the alternate work from chainage 9+012m to 9+188m. They also show two sections of reinforced concrete wall and masonry wall. Are these existing wall sections that are shown on the drawing?
A13	**The two wall sections shown on the drawings C-300 and C-301 are existing.**
Q14	We are wondering, do we have to replace the whole section from 9+012m to 9+188m with reinforced concrete wall according to the spec provided in drawing S-108? Can you please clarify that there would not be any masonry wall left in that section after reconstruction?
A14	**The intent is to replace the entire section of existing seawall with a new reinforced concrete sea wall from Sta 9+012m to Sta 9+188m.**

End of Questions and Answers No. 4

City of Vancouver
Finance, Risk and Supply Chain Management - Supply Chain Management
453 West 12th Avenue
Vancouver, British Columbia V5Y 1V4 Canada
tel: 604.873.7263 *fax:* 604.873.7057
website: vancouver.ca

2016 BC's Top Employers