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Addendum 1
Solicitation 20-99363
Canal Park Lakewalk & Shoreline Restoration

This addendum serves to notify all bidders of the following changes to the solicitation documents:

Questions asked and answers provided are below.

1. Line item #21 concrete paving. Does this include only the flatwork work near the plaza and stairs? There is also flatwork mentioned in line item #15 for wall & flatwork.
 - a. Bid Item #21 – Concrete Paving: This includes all flatwork
 - b. Bid Item #15 – Concrete Wall & Flatwork (4,500 psi) has been revised to “Concrete Wall (4,500 psi)”
2. Sheet 2/31. Can you confirm if the seating area pads are concrete or asphalt? If concrete would it apply to line item #15?
 - a. Seating pads are concrete
 - b. Apply to Bid Item #21
3. Sheet 1/30 refers to concrete stairs detail 3/40. That details isn’t in the plans. Should it be 2/40 or a new detail? I assume no cheek walls in these steps.
 - a. Detail callout is mislabeled on Sheet 1/30. Detail callout should be 1/40 instead of 3/40
4. Sheet 1/30 refers to concrete wall 1/39. That detail isn’t correct. Should it be 2/40 or a new detail?
 - a. Detail callout is mislabeled on Sheet 1/30. Detail callout should be 2/40 instead of 1/39.
5. Can you confirm the rebar in the ramp retaining wall footings?
 - a. #6 @ 12” O.C. Both Directions
6. Is the Canal Park General Contractor responsible for offloading stone delivered from separate contract after June 30th?
 - a. The total quantity of stone to be delivered by May 31, 2020 (25,500 tons) will be delivered to the designated Canal Park Storage Area. This includes all the toe stone required for the project (4,170 tons). The total quantity of stone to be delivered by June 30, 2020 (45,800 tons) is anticipated to be delivered to the Canal Park Storage Area; the remaining quantity (30,650 tons) is anticipated to be delivered to the Canal Park Work Areas by July 31, 2020. The Quarry/Supplier needs to coordinate with the Canal Park contractor regarding the stone delivery to the Canal Park work areas.
 - b. If Canal Park General Contractor desires to have stone delivered to the active work site (i.e., not the stockpile location on the gravel beach), the Canal Park General Contractor will be responsible for offloading the stone. The Quarry/Supplier will deliver the stone to Canal Park as instructed by the Canal Park General Contractor, per contract.
 - c. If the Canal Park General Contractor does not desire to have the stone delivered to the active work site, offloading will be the responsibility of the Quarry/Supplier.
 - d. Rachel Contracting is contractor responsible for supplying the stone.
7. Will crusher fines need to be removed from site?
 - a. Yes

8. What are the working hours?
 - a. Monday-Friday, 8am-8pm.
 - b. Work outside of normal hours or on weekend will be considered on an as-needed basis to maintain the schedule or to coordinate with City operations. The Contractor must advise the Owner at least 7 days in advance if after hours Work is required.
9. What are the milestone dates?
 - a. All in-water work completed by September 30th, 2020.
 - b. All revetment and concrete sea/storm walls substantially completed by October 31st, 2020.
 - c. All items substantially complete by December 31st, 2020 including the stormwater system.
 - d. Final completion Spring 2021 for final site restoration.
10. Where would the City like the excess salvaged stones (i.e., non-conforming stones) placed?
 - a. Excess salvaged stones shall be placed at the north end of the gravel beach near station 30+50.
11. What are the Limits of Construction?
 - a. Reference Sheet 171219-CD-CP-02. In general, work extents are between toe stone excavation extents to backside of Carriage Path. Note that the Carriage Path is to remain open throughout construction as detailed in the Phasing Plan Sheet 171219-CD-CP-04.
12. What are the approved quarries?

Nearby pre-approved quarries are (this is based on previous testing and applications on similar projects):

 - i. Loren Pit (~11 miles north of Two Harbors)
 - ii. Ulland Quarry (Gary New Duluth).
 - b. Reference Technical Specifications for approval procedures of additional quarries
13. Do the concrete stairs include the surrounding walls?
 - a. No, concrete stairs and surrounding walls are separate bid items
14. How will storm events be handled?
 - a. The Contractor shall make every effort to protect the existing revetment slope. We anticipate significant storm events (>12 ft significant wave height at NOAA buoy 45028 will be handled on a T&M not-to-exceed basis. Determination will be based on guidance from emergency management agencies. It is the Engineer's responsibility for determining the storm event based on wave conditions.
15. Can concrete work be performed separately from armor stone revetment?
 - a. Per specification section 02100 – Part 3.1.A.4, the Contractor may work at three 100-ft locations in the revetment at once. The only work that may be performed “separately” from the armor stone revetment restrictions is at the Gravel Beach location.
16. Who is currently working on site?
 - a. Rachel Contracting – Stone Supply & Delivery
 - b. Veit & Company – Pedestrian Detour and Access Road Construction
17. How much filter stone will be salvaged?
 - a. Bid item for filter stone is 34,000 TN of new filter stone. As part of the construction, approximately 25% of the on-site filter stone materials shall be salvaged resulting in 45,333 TN of total filter stone placed.
18. What permits will the Contractor be responsible for?
 - a. MPCA – Construction Stormwater NPDES General Permit
 - b. City of Duluth – Erosion and Sediment Control Application and Permit

- c. City of Duluth – Shoreland and Floodplain Permit
19. What is the plan for the “Lock Tree”?
 - a. Removal and disposal
 20. How much does the Nels J (“Crabby Bills”) vessel weigh?
 - a. Contractor will need to determine this. Some potential sources for this information is from the University of Minnesota Duluth, University of Wisconsin Superior, and/or local naval architects.
 21. Does the Carriage Path have to be “paved”?
 - a. Class 5 is the final surfacing for the Carriage Path. Asphalt pavement is not required.
 22. Will the bollards and signs be salvaged?
 - a. Yes, all bollards and signs shall be salvaged
 23. Can the deadline for questions be extended?
 - a. Yes, new deadline for questions will be May 6th at 10:00 AM CST
 24. Does the geotextile have to wrap all the way around the toe stone?
 - a. Geotextile shall wrap all the way around the toe stone so that no toe stone is directly in contact with excavated soils.
 - b. Contractor shall place bedding stone to protect geotextile to extent required
 - c. Contractor shall provide photo/video proof that the geotextile is not damaged during installation of toe, filter, or armor stone.
 - d. 2 ft minimum overlap or overlap as specified by manufacturer for underwater installations.
 25. How will underground unforeseen conditions be handled?
 - a. Contractor will be responsible for removals of all underground obstructions. If, in the opinion of all parties (Contractor, Engineer, and Owner) the unforeseen conditions are beyond what may reasonably be expected, the unforeseen conditions will be handled on a T&M basis. Reasonable obstructions to be encountered include cars, piling, concrete, misc. debris, etc.
 26. The Contractor will not be responsible for full rehabilitation of the Lighthouse Parking Lot if the Contractor does not damage it. Contractor shall provide proof that no additional damage has resulted from their or their subcontractor operations. Any Lighthouse Parking areas impacted by construction activities or equipment shall be rehabilitated per the City’s direction.
 27. Awarded Canal Park General Contractor shall coordinate with Veit & Company for removals of Veit’s fencing on site. Veit’s contract for the fencing ends on May 31st, 2020.
 28. On-site dust control shall be performed to ensure air quality is between Good & Moderate conditions (AQI between 0 and 100) per the MPCA’s air quality definitions. Dust control procedures shall be acceptable to the City/Engineer.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the www.bidexpress.com solicitation.

Posted: **April 30, 2020**