



September 26, 2024

ADDENDUM #3
BL107-24, Construction of Beaver Ruin Wetland Park

QUESTIONS & ANSWERS:

- Q1. The Unit Price Schedule states the following, “The total cost amounts for the estimated quantities of unit price items are to be included in the Base Bid. Bid unit price will prevail if calculation is in error. Payment for unit price items will be for actual in-place quantities installed.” Helical Pile unit price bid qty is 500 LF with ~1,470 piles required per sheet PT02 would mean each pile would have an average length of 4” which would be a severe underrun. Are the quantities listed in the Unit Price Schedule additive to what is show on the project documents for owner contingency or are those quantities supposed to reflect actual quantities on the plans? In order to even the playing field between contractors, I believe that we need clarification on this item with the potential for large underruns/overruns.**
- A1. All quantities listed in the Unit Price Schedule are additive to the project documents. Refer to A9 on Addendum #2 for what is included in the bid and how the unit price items will be used regarding Helical Piles. Be sure to add the total of all items on the Unit Price Schedule to your Base Bid amount.
- Q2. The helical piles are delegated design by the contractor. Per note on sheet PT02 the “Quantity of helical piers and pier loads will change based on equipment selected by the installer to perform top-down construction.” How and when is the Helical Pile unit price paid by the LF for “actual in-place quantities installed”?**
- A2. Refer to A9 on Addendum #2 for what is included in the bid and how the unit price items will be used regarding Helical Piles.
- Q3. Many trees are shown to be removed inside the boardwalk right of way, as shown on sheets C100 to C106. Large tree felling, hauling and stump removal equipment cannot be utilized with top-down construction. When a tree is in conflict with the boardwalk alignment, can we cut the tree at the base by hand; leaving the fell tree and stump in place?**
- A3. This approach is acceptable and preferred for habitat creation and to meet certain SITES credits. However, it is possible large trees will need to be cut into smaller pieces if the viewshed becomes unsightly or cluttered. The determination of which will lie with the Owner or Owner’s Representative.
- Q4. If a helical pile is conflict with unforeseen condition (i.e stump, or object) and two piles need to be placed on either side of the conflict, will the extra pile be paid for via the unit price submitted**
- A4. Refer to A9 on Addendum #2 for what is included in the bid and how the unit price items will be used regarding Helical Piles. If the total amount of Helical Pile linear footage exceeds what is included in the plans (~1,470 piles x 25’ length), then yes, this additional pile would be paid for via the Unit Price.

- Q5. **Some of the borings show PWR at a more shallow depth than the estimated 25' pier length. If a pier refused on rock before reaching torque capacity, how is that handled? Installing another helical pile next to the failed pile would more than likely run into the same issue. Building via top down construction would limit other foundation methods, such as micro pile or steel pile due to the size of the equipment. Wood pile will not meet the service design life of 50-years outline in the helical pile spec.**
- A5. If this scenario occurs in the field the project team along with the contractor will devise a resolution.
- Q6. **After discussions with our Helical subcontractor, the tolerances required by Permatrak noted on 4.A. on sheet PT08 are not achievable with small excavator mount rig via top-down construction at 20-foot or even 10-foot spans. The small excavator-mounted machine at that radius would allow too much play and allow the helical pile to wander well outside the tight tolerance specified above. They have requested a temporary "mud mat" or "crane mat" be allowed on the ground in order to have their helical pile rig right on top of the pile location to maintain the required tolerances outlined by Permatrak.**
- A6. In addition to working from mats, where allowed (will not be allowed in areas where wetland has been reestablished by DWR), additional tolerance can be achieved by increasing the length of the steel helical pier cap plate. The sizes shown on sheet PT06 are minimums. If additional tolerance is desired, the 1'-4" plate length may be extended and the slot length extended to achieve the desired tolerance in the longitudinal direction. The longitudinal direction is the critical direction for fit up, there is no need to slot holes in the transverse direction. Transverse tolerance is not critical to the system as up to 3" offsets can be handled without special detailing. The system is designed structurally to accommodate a variable tread overhang if beams staggerer back and forth slightly (3" in transverse direction). Swamp matting is included on the Unit Price Schedule, note that if used these would also need to be reused or recycled to comply with SITES.
- Q7. **Spec 01 4000 1.08.A.1. states "Where quality-control services are indicated as Owner's responsibility, Owner will engage a qualified testing agency to perform these services." Is the owner providing all inspection, testing and QC/QA services?**
- A7. Contractor shall coordinate geotechnical and testing services during construction with a firm designated by, and under separate contract with, the County. Payment for these services will be made by the County. If Contractor requests services, but conditions are not ready for the services to be performed, Contractor will be responsible for such costs. If failed tests result in the need for additional testing, Contractor will be responsible for such costs. The exception to the County provided testing services would be any required test piles.

This addendum should be acknowledged in the space provided on page 15 of the bid documents and returned with your bid. Failure to do so may result in your bid being deemed non-responsive.

Thank you,

Jake Scarpone

Jake Scarpone
Purchasing Associate II