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Invitation to Tender (ITT)
Loading Dock Repair
Reference #: NGC114198
Buy and Sell Reference #: PW-18-00823567
April 23, 2018

# ADDENDA # 1

This Addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form, specifically article G.2.

1. What is the voltage, size of the wire and breaker / fuses for the existing lift system?

   **NGC Response:** The scissor lift in Bay 2 is powered by a 5HP 600 V 3 Phase motor. The Leveling ramp is also powered by the same source of supply. The power supply is fed from PB-1A1 cct 1,3,5 located in room 145. The conductor size is # 12 AWG. The breaker is a 3 pole 15A. Both the scissor lift and the leveling table have separate non-fused disconnects.

   The scissor lift in Bay 1 is identical to Bay 2 and is fed from the same location PB-1A1 cct 2,4,6 located in room 145. The conductor size is #12 AWG. The breaker is also a 3 pole 15A. Both the scissor lift and the leveling table have separate non-fused disconnects.

2. What is the voltage, size of the wire and breaker / fuses for the existing heat trace cables in the trench drain.

   **NGC Response:** The existing heat trace is a Pyrotenax type terminated in a Junction Box with a gland as it enters the Junction Box. It is fed by 2 # 12 AWG in Bay 2 and is a 600 V supply. The power source has not been located due to a lack of information on the prints. The controlling thermostat is located in BAY 1 by the trench. I have not been able to locate the source after spending hours searching through drawings and visiting all possible and likely electrical rooms. The conduit cannot be traced as in enters the slab in the ceiling. More time is required to locate the source of the power supply.

3. I am wondering if you could clarify something for us, the following in the scope of work is not clear as they indicate lump sum work but we believe item 3, 5 & 6 should be unit rates, also the numbering is off as it starts at 1 then 3, then 4,5 & 6.

**B. Slab-on-Grade Survey (Lump Sum) and Additional Concrete Repairs (Unit Rate)**

Complete delamination survey in conjunction with the consultant of the existing and remaining slab-on-grade once topping is removed and complete all additional concrete repairs, as identified during the survey under the Unit Rate Work. Typical localized concrete repairs required are to be conducted as a Unit Rate Work and includes the following:

· Repair of through slab delamination,
· Repair of vertical wall delamination's (base of wall to slab junction),
· Crack repair.

.1 Provide full access and perform a delamination survey of all work areas as indicated above. Mark all areas requiring repair directly on the surfaces with non-permanent markings. Review extent/limit of all repair locations with the consultant (lump sum work)

.3 Perform all required concrete repairs as directed by the consultant in strict accordance with the contract documents and repair details. Note all concrete repairs (i.e. concrete removals, cleaning of reinforcing steel, installation of formwork and mixing/placement of new concrete) is to be completed as a lump sum item of work.

.5 Following all concrete removals review the condition of the existing reinforcing steel with the consultant. Clean all reinforcing steel exhibiting signs of surface corrosion (as directed by the consultant) and touch-up existing epoxy coating (as required).

.6 Install formwork to match existing profiles using a high density concrete forming plywood to achieve a smooth finish. Mix, place and cure new concrete in strict accordance with the contract documents.

**NGC Response:** The sections in the red box above are replaced by the following:

**B. Slab-on-Grade Survey (Lump Sum) and Additional Concrete Repairs (Unit Rate)**

Complete delamination survey in conjunction with the consultant of the existing and remaining slab-on-grade once topping is removed and complete all additional concrete repairs, as identified during the survey under the Unit Rate Work. Typical localized concrete repairs required are to be conducted as a Unit Rate Work and includes the following:

· Repair of through slab delamination,
· Repair of vertical wall delamination's (base of wall to slab junction),
· Crack repair.

.1 Provide full access and perform a delamination survey of all work areas as indicated above. Mark all areas requiring repair directly on the surfaces with non-permanent markings. Review extent/limit of all repair locations with the consultant (lump sum work)

.2 Perform all required concrete repairs as directed by the consultant in strict accordance with the contract documents and repair details. Note all concrete repairs (i.e. concrete removals, cleaning of reinforcing steel, installation of formwork and mixing/placement of new concrete) is to be completed under the terms of the unit rates however to clarify; the work shall be comprehensive to include the labour, equipment and materials to perform the units rate work in its entirety (i.e. including but not limited to removals, cleaning, profiling, steel reinforcement preparation, forming as required, materials, placement, finishing, curing etc.

.3 Following all concrete removals review the condition of the existing reinforcing steel with the consultant. Clean all reinforcing steel exhibiting signs of surface corrosion (as directed by the consultant) and touch-up existing epoxy coating (as required).

.4 Install formwork to match existing profiles using a high density concrete forming plywood to achieve a smooth finish. Mix, place and cure new concrete in strict accordance with the contract documents.

4. On page 2 of Section 11130, Part 2, Item 2.1.2 it states “provisions of Section 01600” but there is no such section. Please advise.

   **NGC Response:** “provisions of Section 01600” will now be replaced by the following: Scope of Work Section 3. General Notes

5. Can you let me know what the height is from floor to ceiling as we are not able to determine as the drawings are not to scale.

   **NGC Response:** The height from the Loading dock slab (area that is getting chipped out) to the concrete ceiling above is 18’4”. The height from the Loading dock (raised floor surrounding the slab) to the bottom of the ceiling insulation is 14’7” and the insulation is roughly 3” thick.