

CLARIFICATION #4

HARRISON / DEVER CRIB COMPLEX STRUCTURAL RENOVATIONS

SPECIFICATION Number: 300528

Bids will be opened in the Bid & Bond Room 103, City Hall Chicago, Illinois 60602, on **April 18, 2017** at 11:00 a.m. central time.

CLARIFICATIONS FOR HARRISON / DEVER CRIB COMPLEX STRUCTURAL RENOVATIONS

The following clarifications are provided for use in bidding:

1. **Question:** Sheet D-1 For areas where power tooling is desired on the kick plate and the columns prior to touch up painting:
Can you please provide a quantity needed to be power tooled for estimating purposes?

Answer: It is the design intent to power tool areas within the bottom 12" of the columns in locations indicated by the Representative of the Commissioner. At a maximum, the bottom 12" of all 12 columns would need to be power tooled and coated (column size is provided in the reference drawings). At a maximum, the entire perimeter of the kick plate on both sides would need to be power tooled and coated. That's approximately 250 LF or 85 SF of kick plate.

2. **Question:** Please confirm the location of Detail 2 on Sheet H-8. Upon visiting the site, the existing coping around the chimney did not look like this detail.

Answer: This detail depicts the transition of the sheet metal cap over the camelback detail on the terracotta wall parapet cap. See attached photo for image, 6/H-7 for detail reference location, and 3/H-8 for enlarged location.

3. **Question:** On Sheet H-7, Key Note 3 references details 1/HD-5 and 2/HD-5, however these sheets do not exist. Please clarify and/or provide this sheet.

Answer: Delete references to 1/HD-5 and 2/HD-5 and replace with 1/H-8 and 2/H-8 respectively.

4. **Question:** On Sheet H-7 Key Note 16 is not shown anywhere on the plans. Is this note part of the scope of work? If so, please provide the location of this note.

Answer: The keynote is located on the north side of the building, just east of the elevation marker 4/H-7.

5. **Question:** On Sheet H-7, Key Note 16 calls for a lead coated gutter. A roofing contractor pointed out that the lead coated gutters have since been outlawed. Please confirm if a turn-coated stainless gutter will be acceptable in lieu of lead coated gutters.

Answer: We are not aware of any law limiting the use of lead coated copper in roofing and gutter applications. Bid per contract documents.

6. **Question:** On the Schedule of Prices, Item G-2 has a unit of measure of linear foot. In the Unit Prices specification 01220 section 3.01-B-2, it states that payment for Item G-2 shall be measured per square foot. Should the unit of measure for Item G-2 be per square foot or per linear foot?

Answer: The unit should be linear foot.

7. **Question:** ICC realizes there is a tight time frame on this project, however, we would like to request a time extension of at least two weeks in order to better prepare a more competitive bid proposal. The site visit for this project did not occur till 4/10 well after the question cut-off date of 10 days prior to bid opening date. This does not allow any time for primes or subcontractors to submit questions after actually viewing the work areas. Also there is a holiday weekend coming up that makes getting sub supplier pricing on Monday after very difficult. Any relief in the bid schedule would be appreciated.

Answer: Extension request is denied. Bids are due 4/18/17.

8. **Question:** Scaffolding will need to be erected on the existing roof in order to repair the chimney. Is the existing roof at Harrison sound enough to accept the weight or will shoring be required?

Answer: Existing drawings do not provide any loading information. Actual construction loading is highly dependent on the contractor's scaffolding system. Contractor will need to decide what is needed for their proposed method of scaffolding and submit for review prior to construction.

9. **Question:** Keynote 1 on sheet H-7 states, "For this masonry, provide level 2 masonry restoration as specified in section 040120 Maintenance of Unit Masonry. Estimated quantity of mortar joint pointing is 400 LF. Additional pointing may be required as specified in section 012200 Unit Prices & bid in the Schedule of Prices book". This keynote is called out at various locations around the crib. Specification 040120 section 1.01-A-2 describes level 2 masonry restoration and calls to clean all masonry as indicated on drawings, point mortar voids as indicated on drawings, and apply water repellent sealer as indicated on drawings. The drawings do not call for cleaning or the application of water repellent at specific areas. Are we to clean and apply water repellent at the entirety of the walls where keynote 1 is called out, or just at locations corresponding to the 400 LF of pointing?

Answer: Clean and apply water repellent to the entire area where keynote 1 is indicated. It is anticipated that a total of 400 LF of tuckpointing is needed within these areas.

10. **Question:** Keynote 10 on sheet H-7 & keynote 2 on sheet H-8 state, "For this masonry, provide level 3 masonry restoration as specified in section 040120 Maintenance of Unit Masonry. Additional pointing may be required as specified in section 012200 Unit Prices & bid in the Schedule of Prices book". These keynotes are called out at various

locations around the crib. Specification 040120 section 1.01-A-3 describes level 3 masonry restoration and calls to tuckpoint all mortar joints as indicated on the drawings, replace individual masonry units (brick) that are cracked or have face spalling, clean and prep all masonry for water repellent sealer as indicated on drawings, and apply water repellent sealer as indicated on the drawings. Per the Schedule of Prices Item G-3, 150 SF of brick is to be replaced.

- a. Are we to tuckpoint the entirety of the walls at the locations where keynote 10 on H-7 & keynote 2 on H-8 are called out, or just at the locations corresponding to the 150 SF of brick to be removed & replaced?
- b. Are we to clean & apply water repellent the entirety of the walls at the locations where keynote 10 on H-7 & keynote 2 on H-8 are called out, or just at the locations corresponding to the 150 SF of brick to be removed & replaced?

Answer: Tuckpointing is required for the entire area where keynote 10 on Sheet No. H-7 and keynote 2 on Sheet No. H-8 is indicated. It is anticipated that a total of 150 SQ FT of brick removal and replacement is needed within these areas. Clean and apply water repellent to these entire areas.

11. **Question:** During sluice gate replacement – do you expect us to be working 24 hour shifts if only one gate is out of service at a time?

Answer: Working hours are given in Book 2 Specification with allowance for extended work day hours by written approval of the Commissioner.

12. **Question:** How deep is the water adjacent to the Harrison and Dever structures?

Answer: Approximately 30' depending on changing lake levels. It is the Contractor's responsibility to verify field conditions.

13. **Question:** What are the requirements for keeping barges docked at the cribs?

Answer: Barges may not be docked at the cribs overnight due to concerns about changing weather and possible damages to the crib due to barge impact.

14. **Question:** Please confirm we can leave our barge(s) at the crib re-hab barge loading dock adjacent to the Jardine WWTP.

Answer: Barges may be left overnight at Jardine Water Purification Plant location identified on G-6. However, the DWM may request that barges are moved. The DWM tug boat does not always remain docked in this vicinity when there is a possibility of large waves.

15. **Question:** Is there any use allowed of the Water District's tugboat? If so, to what extent?

Answer: There is no allowance made for use of the DWM's tug boat.

16. **Question:** Can we request that the bid date be pushed back a week as the pre-bid did? A lot of subs were waiting on pictures from the site visit and are slightly behind.

Answer: Extension request denied. Bids are due 4/18/17.

17. **Question:** Please confirm we will have access to the double door just above water level at the Devers Crib for material access.

Answer: Access to Dever Crib through these doors is permitted, however, DWM must be notified in advance and these doors will be operated by DWM personnel only.

18. **Question:** Are we to clean and apply a repellent sealer on all masonry stone and brick around the Harrison structure or just at the repair locations?

Answer: Clean and apply sealer to masonry brick and stone surfaces around the entire areas of the crib where keyed notes 1 and 10 on Sheet No. H-7 are identified plus keyed notes 1 and 2 on Sheet No. H-8 are identified.

19. **Question:** Schedule of Unit Prices p.19 of Book 2, Item G-2 calls for 400 Linear Feet of masonry pointing of stone units. However, 01 22 00-2 of Book 3 calls for Item G-2 to be Square Feet of brick masonry units receiving pointing. We believe that 01 22 00-2 is correct and documents call for 400 SF of Brick Masonry Pointing but it is unclear. Please clarify.

Answer: Tuckpointing is in Lineal Feet.

20. **Question:** Can we store materials in the crib?

Answer: Materials and equipment may be stored in the designated areas shown on Sheet No. H-1. Contractor will be responsible for design and installation of anchoring systems to safely secure materials and equipment to crib structures without causing any damage or loss of use of DWM facility.

BIDDERS WILL ACKNOWLEDGE RECEIPT OF THIS CLARIFICATION IN THE SPACE PROVIDED ON THE PROPOSAL PAGE

NOTICE OF CLARIFICATION OF CONTRACT DOCUMENTS



09/10/2013