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ADDENDUM NO. 3

TO: Prospective Bidders

PROJECT: **Parking Garage Phase II Repairs & Security Cameras**
Museum Place Garage
 Salem, Massachusetts
 RBA Project No. 2019036.2
Salem Bid No. 22-15-180

FROM: Russo Barr Associates, Inc.
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DATE: February 11, 2022

This addendum modifies the Project Manual as noted below. Acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification. **The General Bid Due Date remains the same, as changed by Addendum No. 2, at February 17, 2022 at 11:30 am.**

This addendum consists of these 4 pages.

FILED SUB-BID RESULTS

Filed sub-bids were received for Electrical, on February 9, 2022. All Filed Sub-Bids have been accepted, and the results are as indicated below.

ELECTRICAL Filed SubBid		
<u>Bidder</u>	<u>Bid Amount</u>	<u>Restrictions</u>
Signet	\$595,000	none

QUESTIONS/CLARIFICATION

- How should the GC contractors proceed if they have any additional questions after the question deadline and Filed sub-bid results?

Response: This Addendum, and previous addenda addresses the questions received to date.

- Can the bid date be extended by one week?

Response: The bid dates have been extended by previous addenda..

3. Please provide in how many phases work at roof level needs to be completed. How many parking spots can be taken out of service at a time? To complete work at roof level, parking spots on third level also needs to be taken out of service.

Response: The contractor will have the entire upper level, and the ramp from the level below. Spaces below will be closed off on a section by section area when working above, in a plan to be submitted and approved by the City.

4. Please clarify, how many stair towers can be closed at a time for performing expansion joint work and curb cut repairs at roof level, second and third level of parking garage?

Response: One stair tower can be closed at a time, however emergency access must be maintained at all times.

5. Please provide thickness of existing topping slab. Additionally, bid states 3,000 SF of topping slab repairs, does contractor assume that whole thickness of topping slab is getting replaced?

Response: The thickness of the topping is believed to be 3" maximum. The entire thickness of the topping may need to be replaced in isolated areas.

6. Please provide repair detail for topping slab repairs. Is contractor replacing/installing new wire mesh in repairs areas and any dowelling to existing topping slab?

Response: There is no reinforcing other than wire mesh in the topping slab. This should be replaced as necessary..

7. Can you elaborate on General Note 10., drawing T2? Specifically, "install new traffic coating/waterproofing on a daily basis" and "temporary or phased waterproofing is not allowed."

- a. Is there any additional protection/ temporary waterproofing required between steps of membrane removal, surface prep shot blasting, and new membrane installation?

Response: No additional protection is required.

- b. Please confirm that no work will be performed over occupied space. If work will be performed over occupied space, please clarify what work, and what quantities of work will be performed over occupied space, as protection costs will be substantial."

Response: Disregard General Note 10. The space below is NOT occupied space.

8. Should the Ramp be phased in half, creating one-way traffic, how should the contractor proceed regarding traffic control?

Response: The top ramp will not be required to be phased.

9. Can the contractor use the shoulder one-way lane for dumpsters? Where can the contractor stage dumpsters, etc.?

Response: The contractor can use the space in front of the office area for dumpster..

10. Detail 6 on drawing A2 suggests a control joint only thru partial of the topping slab. At the pre-bid it was noted the T-T joints are completely thru the topping slab. Please confirm. Additionally, can you please confirm that joint does not extend into to structural slab?

Response: The top level topping slab was poured without control joints at the T-joints. The slab has cracked near many T-joints. These cracks should be routed and sealed with sealant, where they exist. Contractors should assume that a crack exists at every T-joint..

11. If known, please clarify what manufacturer/type of membrane system is existing.

Response: The manufacturer is not known.

12. Please confirm all cove joints, in addition to all the t-t joints, are to be replaced.

Response: All cove beads of sealant and perimeter sealant joints should be replaced..

13. Note on Drawing A1.4 states, contractor to account for additional 8,300 SF at lower level below at base of ramp for traffic bearing membrane, is contractor responsible for removal of existing membrane in same area? Is contractor expected to replace cove joints and T-T joints for same area?

Response: Yes, that is correct, this area should be treated the same as the remainder of the work area.

14. Drawing A1.4 states " Contractor to install heavy duty traffic coating at all areas shown", specification 07-1816 Vehicular Traffic Coating section 3.05 H states apply "Standard/Medium Duty System shall apply at all areas except the ramp and turning areas as indicated on the drawings, which shall receive the heavy duty system". Which system thickness should the contractor assume, as there is substantial difference in material cost between a medium duty and heavy-duty system, in the range of 30%?

Response: The chosen manufacturer's heavy duty system should be used on the traffic lanes on the rap, as well as the turning areas at each end of the ramp.

15. Regarding scope of work #2 on drawing T2, what quantity of crack repair should the contractor carry?

Response: See the response to No. 10 above.

16. With new cast-in-place parking stops to be installed, please clarify the means and methods with installation of the new membrane?

- a. Do you want the parking bumpers to be installed after the membrane, therefore anchors penetrating the new membrane?
- b. Do you want to install parking bumpers before installation of new membrane and have traffic membrane coat on bumper?
- b. Do you want to install parking bumpers with epoxy glue without pinning it into slab after membrane installation?

Response: The parking bumpers were clarified in Addendum No. 1, and should be installed with steel anchors, per the manufacturers instructions. Rods shall be set in epoxy..

17. Can the traffic coating be installed over the t-t joints, or do the joints have to be taped off?

Response: Yes, it can go over the sealant.

18. For horizontal deck expansion joint replacement, is the contractor to perform any block out repairs? If yes, please provide a quantity so the contractor is bidding the same scope.

Response: Repairs to the block out are minimal, and can be included in the unit price item for concrete repair.

19. During the pre-bid, it appeared that all expansion joints terminated vertically – including at the ends where the drawings show Detail 3. Please clarify if Detail 4 expansion joint should be applied to all termination locations.

Response: Detail 4 should be used where the existing expansion joint returns up the wall, and Detail 3 should be used where the vertical joint is open.

20. Detail 5 on drawing A2 shows contractor is cutting opening in existing slab for installation of expansion joint at stair tower walls, please confirm if contractor is also cutting vertical walls around stair towers for end detail and installation of vertical expansion joint?

Response: The existing joint width around stairwell towers is not to be cut larger. The existing width should remain.

21. Please confirm Detail 1 on drawing A4 for Garage 2nd and 3rd Floor Ramp Improvements applies to all stair towers on second and third level, because as per detail it is referencing blue stair tower only? Is contractor expected to do new line striping after ramp improvements?

Response: The 2nd and 3rd floor ramp improvements are only being performed at the elevator locations on each level. The areas disturbed are to be restriped following the work in those areas.

22. Please confirm the installation of new landing outside penthouse entrance with railings and ramp as per detail 7/A is for Blue Stair Tower only at roof level?

Response: The railing and ramp improvements are only being performed at the elevator location.

23. Please confirm no work related to railings, ramp and curb improvements is being performed at Roof level of Red Tower, Yellow Tower, and Green Tower.

Response: The railing and ramp improvements are only being performed at the elevator location.

24. Detail 7 on drawing A2 shows railings material as Aluminum Pipe Anodized and specification 05 50 00 Metal Fabrications states railing to be Galvanized Finish, which one is correct?

Response: The railing shall be hot-dipped galvanized.

25. Drawing A5 – Add Alternate states “Modify curb cut at ramp at two areas indicated on plan”. Please clarify what expectation is for scope of work from contractor?

Response: The curb cuts and ramps should be modified to meet ADA and MAAB requirements.

26. Drawing A5 – Alternate No#1 Point 5– Please provide dimensions of signs and material for signs?

Response: Signs shall be provided by the City, to be mounted by the contractor