

ADDENDUM NO. FOUR
JUSTICE CENTER MITIGATION PHASE 3 - IFB
PROJECT NO. 22-76
CITY OF THORNTON, CO

TO: Prospective Bidders and all others concerned

DATE: April 11, 2024

PURPOSE: To provide additional information and clarification to the solicitation documents for the above-referenced Project.

1. The following shall Add to, Modify, and/or Delete portions of the Project Manual and Drawings for the Project-noted above.

A. The Project Manual shall be modified as follows:

The Due Date for Bids shall change from April 18, 2024, at 2:00 p.m. to **April 25, 2024, at 3:00 p.m.**

2. The following questions and answers are provided for additional clarification to the Contract Documents.

Question 1: What allowance percentage for CMU block to be replaced?

Answer 1: The Allowance of Blocks to be reused is approximately seventy-five percent (75%), with an allowance of replacing of twenty-five percent (25%) of the blocks;

Question 2: Please clarify the brand and model of benches as noted in specification 323300.2.4

Answer 2: See below specification sheet for benches. Benches to be DuMor, Inc, 69-183Sk, 6' surface mount.

Question 3: Please confirm noise walls or other sound control measures are not to be included.

Answer 3: Noise walls or other sound control measures are not required.

Question 4: If work is stopped per the City due to construction activity noise, please confirm the delay is compensable and schedule extension is permitted.

Answer 4: Coordination amongst City branches shall take into consideration the activities and durations associated with loud noises and will be coordinated to the best of our ability to avoid disruption to both parties and construction work. Should the City stop work due to noise disruption, the claim shall be handled per the General Conditions within the Contract, and evaluated on a case by case basis.

Question 5: Upon review of the procurement time required for materials and construction days required to complete the work, can an alternative construction schedule be provided with our bid?

Answer 5: An informed alternative construction schedule may be provided with the Contractors bid. Thornton may at its sole discretion accept or reject this alternate construction schedule.

Question 6: Most of the details seem to have incorrect page numbers. For example, B/B-02 is on sheet D-04, not sheet B-02. Please clarify.

Answer 6: Detail B on Sheet D-04 is referenced as B/B-02 because that detail is referenced on Section 1 of Sheet B-02. See legend on Sheet A-02 for clarification.

Detail A on Sheet D-04 is missing one (1) reference. In addition to references to A/B-02 and A/B-03, this detail is also referenced to A/D-04.

Question 7: Please provide depth of aggregate base course for the roadway as shown on Profile plan view on C-03.

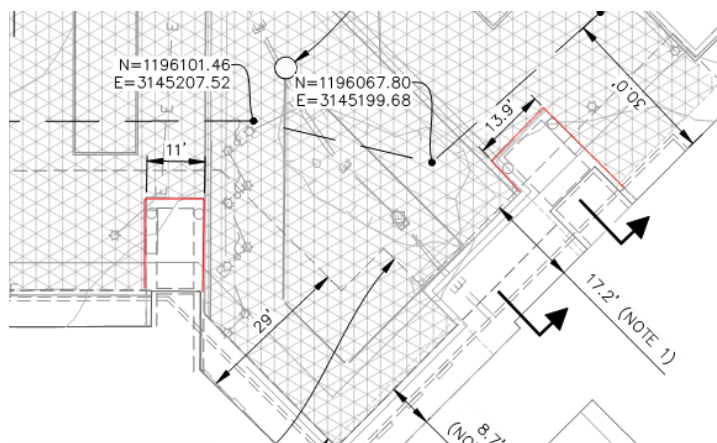
Answer 7: Depth of aggregate base course is 6 inches in accordance with Sheet D-04.

Question 8: Clarify extent of concrete backfill and concrete backfill specs per B/B-03 as shown on C-04.

Answer 8: The estimated extent of the concrete backfill is shown in profile on C-02 and will vary with actual subsurface conditions.

Question 9: Please advise where B/B-02 (as shown on D-04) occurs, specifically the excavation and removal of soil under grade beam.

Answer 9: This detail is applied where the geotextile is fixed to the grade beam around the door entrances to the Courts building and the Police building. See red line below. Actual limits may vary based on limits of MSEW-1 observed in the field.



Question 10: Are new flagpoles required or are existing to be reused?

Answer 10: Flagpoles are to be reused based on Sheet L-06.

Question 11: Please advise how power is to be provided to the traffic gate as shown on E-03 when the underground power lines will be temporarily removed during construction.

Answer 11: The Contractor is responsible for developing and implementing a plan to maintain power and security cabling to maintain operability during construction. This is expected to require temporary lines routed around the excavated area.

Question 12: Is the depth of the underground power known at the detention basin as shown on E-03?

Answer 12: Depth to underground power is not known.

Question 13: Please confirm all power lines that are to be temporarily removed for construction are only feeding the parking lot lights. The specific concern is that the main power lines to the buildings are not affected.

Answer 13: The existing electrical branch circuits (power lines) that are to be temporarily removed and reinstalled serve the existing parking lot and roadway lighting as well as some electric gates and other miscellaneous items. The Building Electrical Service Transformer and Service Entrance Feeder are located on the west side of the facility; therefore, it is not anticipated that the work in this phase (limited to the east side of the facility) will affect the building main power feed. However, prior to any excavation the Contractor is responsible for performing/scheduling underground utility locates through 811 (UNCC).

Question 14: Clarify extent of concrete encasement as shown on 1/G-01. Please specifically provide depth of encasement above and below the pipe and specifications of the concrete

Answer 14: The pipe is not encased in concrete. The hatching shown is for pipe bedding. The bearing surface area of each thrust block is required to be a minimum of 5.0 sf.

Question 15: Clarify if the concrete encasement on 1/G-01 is flow fill.

Answer 15: Thrust blocks should be Class D concrete per Specification 03 30 50.

Question 16: Clarify material to be used for "pipe bedding" per detail 2/G-01.

Answer 16: Bedding material shall meet the requirements of City of Thornton Standards and Specifications pipe bedding as defined in Section 105.4.O.

Question 17: Provide location(s) of all known existing drilled shafts that may be encountered. Only known drilled shaft is shown on 4/A-13.

Answer 17: The drilled shafts at the entrances to the Police building and Courts building (two [2] at each entrance) are the only drilled shafts we expect to encounter during excavation.

Question 18: Confirm the City will provide a nearby location for all salvaged items, such as granite pavers on 3/A-11 (shown on A-12).

Answer 18: As stated in Specification 02 41 00, salvaged items that will not be reused will be relocated to Thornton facility located at 88th Avenue and Colorado Boulevard. Delivery shall be coordinated with Thornton.

Question 19: Please clarify what the x-x-x-x-x lines represent on 1/A-11 and 3/A-11 (as shown on A-12).

Answer 19: On Sheet A-11, this line style represents existing fence. On Sheet A-12, this line style represents the wire-basket facing on the existing MSEW-1.

Question 20: Can the geomembrane liner have more breaks than shown on B-01 to accommodate means and methods of installation?

Answer 20: Grade breaks were selected to maintain positive drainage towards the collection trench and minimize impacts to existing facilities. Additional grade breaks will be acceptable if positive drainage is maintained at a minimum slope of 0.5%. (Note: The breaks are not intended to represent all construction joints in the geomembrane liner).

Question 21: Please provide scale for take-offs on all the plan sheets.

Answer 21: Scale bars are provided on the plan sheets. Thornton provided unprotected PDF on March 26, 2024.

Question 22: Please provide Length and Width of footing and concrete wall that liner will be attached to.

Answer 22: The liner will generally be attached to the grade beam at the entrances to the Police building and Courts building and along the mud slab adjacent to MSEW-1. These components were drawn to scale based on the information available.

Question 23: In the planters, are we just placing the planters or are we also furnishing the plantings in the planters?

Answer 23: Contractors are to place planters, planting to be done by the City of Thornton.

3. This Addendum becomes part of the Contract Documents. All other conditions and requirements of the Contract Documents will remain unchanged. Receipt of this Addendum must be acknowledged in the space provided on the Bid Proposal Form in the Project Manual.

END OF ADDENDUM NO. FOUR

Dennis Laurita
Contracts Supervisor

Date