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**ADDENDUM #2**  
**July 19, 2023**

**TO:** ALL Prospective Bidders  
**PROJECT:** Truck Scale & Cover Building  
**BID REFERENCE #:** 90900-013.0  
**BID OPENING DATE/TIME:** July 26, 2023 @ 3:00 p.m. Local Time (ET)

The purpose of this addendum is to clarify and/or modify the Drawings and/or Specifications for this project. All work affected is subject to all applicable terms and conditions of the Bidding and Contract Documents.

**1. QUESTIONS AND ANSWERS provided by Tower Pinkster – See Attachment #1**

Questions related to this addendum may be addressed to Chris Nelson Collections & Plant Maintenance Manager at [nelsonc1@kalamazoocity.org](mailto:nelsonc1@kalamazoocity.org).

The Addendum can be viewed and downloaded from the City’s website at <https://www.kalamazoocity.org/bidopportunities>.

**In order for a bid to be responsive, this signed and dated addendum must be returned with your bid.** If you have already submitted your bid, acknowledge receipt and acceptance of this addendum by signing in the place provided and returning it to the undersigned and it shall be incorporated in your bid. Please identify your return envelope with the bid reference number and project description.

Sincerely,

**Michelle Emig**  
Purchasing Division Manager  
c: Chris Nelson, Public Services  
Prevailing Wage File

FIRM: \_\_\_\_\_

SIGNED: \_\_\_\_\_

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

(Type or Print)



**ADDENDUM #2**

*Attachment A*  
*Questions & Answers*

**Truck Scale & Building Cover**

**Bid Reference #: 90900-013.0**

**July 2023**

## BID QUESTIONS

### KALAMAZOO TRUCK SCALE AND BUILDING ENCLOSURE

Bid Questions

Answers are **RED**

1. Specification section 03 3000 – 2.10 (A) only lists one (1) concrete mixture for the project identified as “Slabs-on-Grade: Normal-weight concrete”. Is this mix to be used for the foundation work as well or is there a separate mix design for this? What about a mix design for the duct bank?

a. **Answer:**

**PROJECT NO. 21203.00  
CITY OF KALAMAZOO SCALE PROJECT  
CITY OF KALAMAZOO**

**CAST-IN-PLACE CONCRETE  
03 3000 - 5  
04/14/2023**

**2.10 CONCRETE MIXTURES FOR BUILDING ELEMENTS**

**A. Slabs-on-Grade: Normal-weight concrete.**

1. Minimum Compressive Strength: 5000 psi (34.5 MPa) at 28 days.
2. Maximum W/C Ratio: 0.45.
3. Minimum Cementitious Materials Content: [470 lb/cu. yd. (279 kg/cu. m)] [520 lb/cu. yd. (309 kg/cu. m)] [540 lb/cu. yd. (320 kg/cu. m)].
4. Slump Limit: 4 inches (100 mm), plus or minus 1 inch (25 mm).
5. Air Content: 6 percent, plus or minus 1.5 percent at point of delivery for 1-inch (25-mm) nominal maximum aggregate size.
6. Air Content: Do not allow air content of trowel-finished floors to exceed 3 percent.
7. Synthetic Micro-Fiber: Uniformly disperse in concrete mixture at manufacturer's recommended rate, but not less than a rate of 1.5 lb/cu. yd. (0.90 kg/cu. m).

*All bidders to bid concrete based on the following mix designs.*

***Slab on Grade:***

1. Minimum Compressive Strength: 4000 psi (27.6 MPa) at 28 days.
2. Maximum W/C Ratio: 0.45.
3. Minimum Cementitious Materials Content: 470 lb/cu. yd. (279 kg/cu. m).
4. Slump Limit: 5 inches (125 mm), plus or minus 1 inch (25 mm).
5. Air Content: Do not allow air content of trowel-finished floors to exceed 3 percent.

**Foundations:**

- C. Normal-Weight Concrete:
1. Minimum Compressive Strength: 4000 psi (27.6 MPa) at 28 days.
  2. Maximum W/C Ratio: 0.45.
  3. Slump Limit: 8 inches (200 mm) for concrete with verified slump of 2 to 4 inches (50 to 100 mm) before adding high-range water-reducing admixture or plasticizing admixture, plus or minus 1 inch (25 mm).
  4. Air Content: 5.5 percent, plus or minus 1.5 percent at point of delivery for 1-1/2-inch (38-mm) nominal maximum aggregate size.

**Table 4.8.6.1—Manual straightedge method**

Floor surface classification	Maximum gap 90% compliance Samples not to exceed	Maximum gap 100% compliance Samples not to exceed
Conventional	1/2 in.	3/4 in.
Moderately flat	3/8 in.	5/8 in.
Flat	1/4 in.	3/8 in.
Very flat	N/A	N/A
Super flat	N/A	N/A

2. What finish is required on the slab-on-grade? Trowel finished? Reference specification section 03 3000-3.7.
  - a. **Answer: Brushed finish**
  
3. Specification section 03 3000 3.7 (D)-1 states to “comply with flatness & levelness tolerances for a trowel-finished floor”. What exactly is the A/E’s expectations here? I pasted some information below on the various FF/FL requirements.
  - a. **Answer: FF/20 and FL/15**
  
4. Do you see a need for any exploratory Hydroexcavation for the new duct bank by Building 28? Reference the electrical site plan on ES 101. Or is this area free & clear of other utilities?
  - a. **Answer from Chris Nelson: We do not need to do exploratory Hydro excavating.**

5. Are the conduits beyond handhole 12 direct buried? I'm assuming this is correct as the duct bank is called out to be from handhole 1-2, then 3-12 on page ES 101.
  - a. TowerPinkster Answer: Yes, between handhole 12 and 13 it is (2) 4" data conduit and this can be direct buried with warning tape above it.
  
6. Is Nucor an acceptable metal building manufacturer alternative?
  - a. Answer: Pre-Engineered Metal Buildings that meet or exceed the listed examples are acceptable.
  
7. Is Kirby Buildings an acceptable metal building manufacturer alternative?
  - a. Answer: Pre-Engineered Metal Buildings that meet or exceed the listed examples are acceptable.
  
8. Which HMA mix is required for the project and are we to follow the thickness as proposed by SME?
  - a. Answer: Follow SME HMA mix design and thickness.