

CITY OF NORTHGLENN

**SCHOOL ZONE IMPROVEMENTS – HILLCREST ELEMENTARY
SCHOOL
IFB 2021-007**

ADDENDUM NO. 1
DATED: April 12, 2021

TO: PROSPECTIVE BIDDERS

The following adds to, supplements, amends or clarifies by way of explanation, portions of the Contract Documents, Specifications, and Drawings for the above named project.

NOTE: It will be the responsibility of the Bidder to acknowledge receipt of Addenda on the Bid Form as part of his/her submitted proposal. Failure to do so will be grounds for the City to reject the proposal.

The Contract Documents, including the Specifications and Drawings are hereby modified by the following items:

SPECIFICATIONS:

1. SPECIAL CONDITIONS

QUESTIONS:

Q1. ITEM #19 SHOWS ONLY A "RADAR SPEED DISPLAY SIGN" AND SPEC'S MENTIONS TWO BEACONS WITH THE AI CLOCK? IS THERE A PAY ITEMS FOR THE SCHOOL BEACONS OR IS THAT INCLUDED WITH THE RADAR SIGN

A1. UPDATED THE REQUIREMENTS FOR RADAR SPEED DISPLAY IN THE SPECIAL CONDITIONS.

Q2. WILL WE HAVE TO PROVIDE A BID BOND?

A2. NO, BID BOND IS NOT REQUIRED FOR THIS PROJECT

Q3. WILL THE CONTRACTOR BE REQUIRED TO PERFORM ANY MATERIAL SAMPLING AND TESTING?

A3. NO, MATERIAL SAMPLING AND TESTING IS NOT REQUIRED FOR THIS PROJECT

City of Northglenn
Kiran Bhusal, Civil Engineer

Attachments: SPECIAL CONDITIONS

ALL ITEMS IN CONFLICT WITH THIS ADDENDUM ARE HEREBY DELETED.

END OF ADDENDUM NO 1

SECTION 013500 - SPECIAL CONDITIONS

PART 1 - GENERAL

1.1 PROJECT DESCRIPTION

- A. The Contractor shall furnish all material, labor, equipment and services necessary for, and incidental to, the School Zone Improvements – Hillcrest Elementary project as specified.

1.2 LOCATION OF WORK

- A. The work is located in Northglenn, Colorado. Prospective bidders should make themselves familiar with the location of the work and all potential access points so as to facilitate progress of the work in a well-organized fashion.

1.3 TIME OF WORK

- A. The Contractor shall complete all work required by these specifications within thirty (30) calendar days. The starting time for the Contract shall be ten (10) calendar days following the date of the Notice to Proceed. Work is to be completed while school is out for the 2017 summer break. Working hours shall be **8:00 A.M. to 4:00 P.M.** Monday through Friday. A working day shall be defined as any day, exclusive of Saturdays, Sundays and holidays, on which weather and other conditions not under the control of the Contractor will permit construction to proceed for a minimum of one half (1/2) of the day with a normal working force. See Trade Contractor Agreement.
- B. The Contractor shall be responsible for submitting a schedule for all work to be performed. This schedule shall be updated weekly and resubmitted to the Engineer for acceptance.

1.4 PROTECTION OF EXISTING UTILITIES

- A. The Contractor shall be responsible for the protection of existing utilities such as water mains, sanitary and storm sewer systems, gas mains, electrical conduits, telephone lines, irrigation systems and any other utilities within the area; and if any damage or destruction occurs to these utilities, the Contractor shall be responsible for their repair and/or replacement at the Contractors expense.

1.5 QUALITY ASSURANCE

- A. Referenced Standards:

1. **City of Northglenn, Public Right-of-Way Standards and Specifications (Current Edition). The Public Right-of-Way Standards and Specifications are available on the city of Northglenn website.**
2. **Latest City of Northglenn adopted Building Code.**
3. **Colorado Reg. 8 and Federal regulations for the removal of asbestos.**

- B. In the event of a conflict occurring between or within the aforementioned Standards and Specifications and the project specifications, the more stringent standard will apply. The Contractor shall coordinate inspection of the work with Engineer. Any discrepancies found between the Drawings and Specifications and site conditions or any errors or omissions in the Drawings or Specifications shall be immediately reported in writing to the Engineer, who shall promptly correct such errors, or omissions in writing. Any work done by the Contractor after his discovery of such discrepancies, errors or omissions WITHOUT written instructions by the Engineer shall be done at the Contractor's risk.

- C. City of Northglenn's Standard Operating Procedures.

1.6 LIQUIDATED DAMAGES

- A. Liquidated damages shall be set at \$500.00 per day. See Trade Contractor Agreement.

1.7 SPECIAL CONSIDERATIONS

- A. Contractor shall be responsible for negotiations of any waivers or alternate arrangements required to enable transportation of materials to the site.
- B. Contractor shall be responsible for adhering to the city of Northglenn's Standard Operating Procedures.

1.8 SPECIAL CONTRACT PROVISION

- A. The items listed in the Bid Summary are estimated for comparison purposes only.

1.9 CONTRACT DOCUMENTS FOR CONTRACTORS USE

- A. Refer to Trade Contractor Agreement.
- B. Contractor shall pick up two "no-charge" documents within 10 days from date of Notice to Proceed.

1.10 ORDER OF CONSTRUCTION AND CONSTRUCTION SCHEDULE

- A. Construction operations will be scheduled to allow the Owner uninterrupted operation of existing adjacent facilities. Coordinate connections with existing work to ensure timely completion of interfaced items.
- B. At no time shall Contractor or his employees modify operation of the existing facilities or start construction modifications without approval of the Owner except in emergency to prevent or minimize damage.
- C. Within 10 days after award of Contract, submit for approval a critical path type schedule. Account for schedule of Subcontracts. Include proper sequence of construction, various crafts, purchasing time, shop drawing approval, material delivery, equipment fabrication, startup, demonstration, and similar time consuming factors. Show on schedule as a minimum, earliest starting, earliest completion, latest starting, latest finish, and free and total float for each task or item.

Evaluate schedule no less than monthly, if applicable. Update, correct, and rerun schedule and submit to Engineer in triplicate with pay application and show rescheduling necessary to reflect true job conditions. When shortening of various time intervals is necessary to correct for behind schedule conditions, indicate steps to implement to accomplish work in shortest schedule. Information shall be submitted to Engineer in writing with revised schedule.

- D. If Contractor does not take necessary action to accomplish work according to schedule, he may be ordered by Owner in writing to take necessary and timely action to improve work progress. Order may require increased work forces, extra equipment, extra shifts or other action as necessary. Should Contractor refuse or neglect to take such action authorized, under provisions of this contract, Owner may take necessary actions including, but not necessarily limited to, withholding of payment and termination of contract.

1.11 PERMITS

- A. Contractor is responsible for securing all required permits for the completion of the work with all agencies with jurisdictional authority. Below is a list of required permits. This is not an all-encompassing list of permits that may be required.

1. Right of Way Permit – Required, but City at its sole discretion, may waive fees

1.12 SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION

- A. These construction documents are to be governed, at all times, by applicable provisions of the Federal Law(s), including but not limited to the latest amendment of the following:

1. Williams-Steiger Occupational Safety and Health Act of 1970, Public Law 94-596.

2. **Part 1910-Occupational Safety and Health Standards, Chapter XVII of Title 29, Code of Federal Regulations.**
3. **Part 1926-Safety and Health Regulations for Construction, Chapter XVII of Title 29, Code of Federal Regulations.**
4. **Part II Department of Labor Occupational Safety and Health Administration 29CFR Part 1926 Occupational Safety and Health Standards - Excavations; Final Rule.**

1.13 PRECONSTRUCTION CONFERENCE

- A. A pre-construction conference shall be held at the Owner's office after the award of the Contract. The engineer will notify the Contractor as to the date and time of the conference 2 weeks in advance of the proposed date. The contractor's Project Manager and Project Superintendent and Contractor's Subcontractor Representatives shall attend. The Contractor should be prepared to discuss a detailed plan for the construction of the project at the meeting.

1.14 PROGRESS MEETING

- A. The Engineer will conduct construction meetings involving:
1. **Contractor's project manager**
 2. **Contractor's project superintendent**
 3. **Engineer's designated representative(s).**
 4. **Contractor's subcontractors as appropriate to the work in progress.**
- B. The Engineer's designated representative(s) will take meeting minutes and submit copies of the meeting minutes to participants and designated recipients identified at the Preconstruction Conference. Corrections, additions, or deletions to the minutes shall be noted and addressed at the following meeting.
- C. The Engineer's designated representative(s) will have available at each meeting a full chronological file of all previous meeting minutes.
- D. The Contractor shall have available at each meeting up-to-date record drawings.
- E. The Contractor shall provide a two-week schedule projection at each weekly meeting.

1.15 CHANGE MODIFICATION PROCEDURES

- A. Request for Information (RFI's)
1. **Contractor shall request clarification of contract documents by issuing a Request for Information to the RPR. Contractor shall afford at least 48 hours for Engineer's response. Engineer will provide electronic copy upon request.**
- B. Field Orders:
1. **A written order effecting a change in the work not involving an adjustment in the contract price or an extension of the contract time, issued by the Engineer or the Owner to the Trade Contractor during Construction.**
- C. Change Order:
1. **A written order to the Trade Contractor authorizing an addition, deletion, or revision in the work within the general scope of the contract documents, or authorizing an adjustment in the contract price and/or contract time. Owner will provide electronic copy upon request.**

1.16 MEASUREMENT AND PAYMENT

A. General:

1. The total bid price shall cover all work required by the Contract Documents. All costs in connection with the proper and successful completion of the work, including furnishing all materials, equipment, supplies, and appurtenances; providing all construction, installation equipment, and tools; and performing all necessary labor and supervision to fully complete the work and any mark-up, shall be included in the unit and/or lump sum prices bid. No item of work shown on the drawings or in the specifications will be considered for extra compensation due to a claim that it does not fall within the scope of one of the bid items.

B. Estimated Quantities:

1. The estimated quantities identified in the Bid Summary are approximate and are to be used only (a) as a basis for estimating the probable cost of the work. The actual amounts of work done and materials furnished under unit price items may differ from the estimated quantities. The basis of payment for work and materials will be the actual amount of work completed and materials furnished per the unit or lump sum prices shown on the bid summary.
2. No direct payment shall be made for site clearing and cleaning, excavation, or compaction by industry standards and governing regulations.

C. Measurement and Payment Items:

1. **Removal of Sidewalk** – Measurement, and payment shall be on a square yard basis. Payment shall be full compensation for sawing, removing, disposal, excavation, and subsequent backfill. The contractor's costs shall include all costs, regardless of nature.
2. **Removal of Curb and Gutter** – Measurement and payment shall be on a linear foot basis. Payment shall be full compensation for sawing, removing, disposal, excavation, and subsequent backfill. The contractor's costs shall include all costs, regardless of nature.
3. **Removal of Concrete Curb Ramp** – Measurement and payment shall be on each basis. Payment shall be full compensation for sawing, removing, disposal, excavation, and subsequent backfill. This should also include the removal of any sidewalk, curb, and gutter associated with the concrete curb ramp removal. The contractor's costs shall include all costs, regardless of nature.
4. **Removal of Asphalt Mat** – Measurement and payment shall be on a square yard basis. Payment shall be full compensation for removing, disposal, excavation, and subsequent backfill. The contractor's costs shall include all costs, regardless of nature.
 - a. After each day's work, vertical edges caused by planning that are greater than 1 inch in height shall be:
 - 1) Longitudinal – tapered to not less than 3:1 slope
 - 2) Transverse – tapered to not less than 50:1 slope
 - b. The roadway shall be left in a safe and usable condition at the end of each workday. All required pavement markings removed shall be restored before the roadway is opened.
5. **Removal of Pavement Marking** – Measurement and payment shall be on a square foot basis. The contractor's costs shall include all costs, regardless of nature.

6. **Removal of Ground Sign** – Measurement and payment shall be on each basis. Payment shall be full compensation for sawing, removing, disposal, excavation, and subsequent backfill. The contractor's costs shall include all costs, regardless of nature.
 - a. Removal of signs shall include removal of posts, footings, pedestals, sign panels, and brackets. Concrete adhering to salvable sign posts shall be removed.
 - b. Removal of sign panel shall include removal of panel and its attachment hardware from the existing installation and adjusting the spacing of the remaining panels.
7. **Sawing Asphalt Mat (10 INCH)** - Measurement and payment shall be on a linear foot basis. Payment shall be full compensation for sawing, disposal, excavation, and subsequent backfill. The contractor's costs shall include all costs, regardless of nature.
8. **Erosion Control** – Measurement and payment shall be on a lump sum basis. The contractor's costs shall include all costs, regardless of nature.
 - a. This work consists of constructing, installing, maintaining, and removing when required, Best Management Practices (BMPs) during the life of the Contract to prevent or minimize erosion, sedimentation, and pollution of any state waters.
 - b. The Contractor shall coordinate the construction of temporary BMPs with the construction of permanent BMPs to assure economical, effective, and continuous erosion and sediment control throughout the construction period.
 - c. When ordered by the Engineer requires that an action be immediate or taken immediately, it shall be understood that the Contractor shall at once begin affecting completion of the action and pursue it to completion in a manner acceptable to the Engineer and accordance with the Colorado Discharge Permit System Stormwater Construction Permit requirements.
 - d. Before beginning construction, the Contractor shall evaluate the project site for storm water draining into or through the site.
 - e. Before construction, the Contractor shall implement BMPs by the approved project schedule.
9. **Reset Ground Sign** - Measurement and payment shall be on each basis. Signs and posts designated to be reset shall be removed, cleaned, and reset at designated locations, including all work necessary to provide the existing posts with breakaway devices, where required. The contractor's costs shall include all costs, regardless of nature.
10. **Landscape Restoration** - Measurement and payment shall be on a lump sum basis. This work consists of soil preparation, application of fertilizer, soil conditioners, or both, and furnishing and placing seed and sod. The work shall be by the Contract and accepted horticultural practices. The contractor's costs shall include all costs, regardless of nature.
 - a. Any area disturbed during construction will be returned to existing conditions.
11. **Hot-mix Asphalt Patching** - Measurement and payment shall be on a per TON basis. Batch weights will not be permitted as a method of measurement. The tonnage shall be the weight used in the accepted pavement. Aggregate, asphalt cement, asphalt recycling agent, additives, hydrated lime, and all other work necessary to complete each item will not be paid for separately but shall be included in the unit price bid.
 - a. Removal and disposal of existing asphalt full depth
 - b. Removal and disposal of existing base as directed by the City of Northglenn
 - c. Asphalt shall be a minimum of 6 inches Sx PG75(64-22)
 - d. Use of S and SX PG75 (64-22) w/ RAP can be utilized with approval and as directed by the City of Northglenn

- e. Class 6 Road Base in place and compacted
12. **Drilled Caisson (18 Inch)** - Measurement and payment shall be on a linear foot basis from the elevation shown on the plans to the bottom of the hole as drilled. The contractor's costs shall include all costs, regardless of nature.
- a. Unit price shall be full compensation for making all excavations; hauling and disposal of excavated material; performing all necessary pumping; furnishing and placing required concrete and reinforcement steel, including the reinforcement projecting above tops of the caissons necessary for splicing; and backfilling; removing casings; and for furnishing all tools, labor, equipment, and incidentals necessary to complete the work.
 - b. No extra payment will be made for the casing left in place.
13. **6" Sidewalk** - Measurement and payment shall be on a square yard basis of the finished surface. The contractor's costs shall include all costs, regardless of nature.
- a. Concrete for sidewalks shall be Class B.
14. **Concrete Curb Ramp** - Measurement and payment shall be on each. Concrete Curb ramp includes any sidewalk, curb, and gutter, asphalt patching associated with it. The contractor's costs shall include all costs, regardless of nature.
- a. Concrete for curb ramps shall be Class B.
15. **Detectable Warnings** - Measurement and payment shall be on a square foot basis of the finished surface. Detectable Warnings shall be cast iron. The contractor's costs shall include all costs, regardless of nature.
16. **Curb and Gutter Type 2** - Measurement and payment shall be on a linear foot basis along the front face of the curb. Deduction in length will be made for drainage structures. The contractor's costs shall include all costs, regardless of nature. Concrete for curbs shall be Class B.
17. **Sign Panel (Class I)** - Measurement and payment shall be on a square foot basis. The contractor's costs shall include all costs, regardless of nature.
18. **Steel Sign Post**- Measurement and payment shall be on each basis. The contractor's costs shall include all costs, regardless of nature.
19. **Radar Speed Display Sign** - Measurement and payment shall be on each basis. The contractor's costs shall include all costs, regardless of nature.
- a. Acceptable Manufacturer is RU2 Fast – 250. No alternates accepted.
 - b. Radar speed display sign should have the solar and violator alerts option.
20. **Traffic Signal Pedestal Pole Steel** – Measurement and payment shall be on each basis. The contractor's costs shall include all costs, regardless of nature.
21. **Mobilization** – Measurement, and payment shall be on a lump sum basis. The contractor's costs shall include all costs, regardless of nature.
- a. Mobilization and demobilization of material, labor, and equipment.
 - b. Bonds, insurance, licenses, and permits.
 - c. Temporary construction and erosion control. The Contractor shall perform street sweeping as needed, as determined by the Owner's Representative.

- d. Direct site overhead including preparation and restoration of staging areas, moving and removing construction equipment to/from the project site, and removal of any items placed on site by the Contractor.
- e. All other costs incurred for labor and operations must be performed before and after completion of the other items under this Contract by the Plans and Specifications.
- f. The lump-sum price for Mobilization/Demobilization, Bonds, Insurance, and Contractor's Facilities shall not exceed 5% of the total contract value and shall be paid as the work progresses, according to the following schedule:

Contract Percent Completion	Percent Available for Payment
5%	25%
50%	60%

- 22. **Preformed Thermoplastic Markings** - Measurement and payment shall be on a square foot basis. The contractor's costs shall include all costs, regardless of nature.
 - a. The markings shall consist of a resilient white or yellow thermos plastic product with glass beads uniformly distributed throughout the entire cross-sectional area.
 - b. The markings shall conform to pavement contours, breaks, and faults through the action of traffic at normal pavement temperatures. The material shall have resealing characteristics with the capability of fusing with itself and previously applied thermoplastic markings under normal use.
- 23. **Work Zone Traffic Control**– Measurement and payment shall be on a lump sum basis. The contractor's cost shall include all materials, equipment, and labor necessary to furnish traffic control complete in place. The unit price shall include at a minimum:
 - a. Cost of producing a traffic control plan (MHT). MHT shall be by the current version of the Manual of Uniform Traffic Control Devices (MUTCD).
 - b. All equipment, labor, and material required in association with the approved traffic control plan.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 CONSTRUCTION REQUIREMENTS

- A. The contractor shall take reasonable precautions to prevent damage to existing facilities. All facilities damaged or removed during construction shall be restored or replaced to like-new condition.
- B. Contractor to make all payments for the removal and disposal of asbestos-containing materials as shown in the environmental assessment by all state and federal regulations.

END OF SECTION 013500