

**CITY OF NORTHGLENN**

**STORM DRAINAGE SYSTEM MAPPING AND CONDITION ASSESSMENT  
BID NO. 2023-006**

ADDENDUM NO. ONE TO BID 2023-006

DATED: April 4, 2023

TO: 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**

AD1-Item 1 EXHIBIT B, AMOUNT OF COMPENSATION has been modified and is attached. The revised version should be submitted with this Proposal.

**ALL ITEMS IN CONFLICT WITH THIS ADDENDUM ARE HEREBY DELETED.**

**Questions and Answers**

Questions prior to Pre-Proposal meeting -

- 1) Are there plans for the project?
  - i. No construction plans. Project involves all of Northglenn system. An overview map of Northglenn's storm sewer system has been provided. *Attachment 1.*
- 2) Attachment A, Hourly Rates was not included with the RFP document.
  - i. Attachment A, Hourly Rates will be the proposers' rates.
- 3) Attachment B, Cert of Immigration Compliance was not included with the RFP document.
  - i. Our Finance Depart has informed me that this document is no longer required. This requirement to submit should be ignored.
- 4) Should Exhibit B, Amount of Compensation be submitted with proposal?
  - i. Yes.
- 5) What are the Evaluation Criteria for the proposals?
  - i. A copy of the Evaluation Criteria is provided in this Addendum. *Attachment 2.*
- 6) Is there a preferred format for References?

- i. No. However it would be helpful to tie the references to the list of “Projects of Similar Scope and Size”.
- 7)** Can we have access to the city’s GIS files for storm.
- i. Not for the proposal phase. A KMZ file is provided in this Addendum. *Attachment 3*.
- 8)** What are the quantities of known existing storm infrastructure?
- i. These numbers are approximate and should not be solely relied on for proposal purposes.
    - a. +/- 23 miles of pipe (there is not an accurate breakdown on different sizes),
    - b. +/- 620 inlets,
    - c. +/- 130 manholes,
    - d. +/- 50 outfalls.

Questions during the Pre-Proposal meeting -

- 9)** Can we propose on only one Task of the two Tasks identified? (Half of the project)
- i. You may. Northglenn prefers a team approach as we hope to initiate both Tasks at the same time.
- 10)** What are the range of pipe sizes?
- i. 8” dia. to 9’ x 12’ box culverts. Culverts too large for effective CCTV work can be video-d using hand held or other type, but must contain equivalent data/information to the CCTV work.
- 11)** Is there a designated location for sediment disposal?
- i. No, the city does not provide a location for sediment disposal.
- 12)** Is there an idea of how much pipe cleaning/quantity of material must be removed?
- i. No clear idea.
- 13)** As this item (#12 above) is a large unknown, as is how much time it would take, what is a good way to identify this in the proposals? Hourly cost? Per cubic yard? Per site?
- i. For proposal purposes, please assume that 20% (approximately 4.6 miles) of the storm system will need to be cleaned. Any amounts above this during the actual project will be covered at Time and Materials.
- 14)** Two phased approach? Teams for cleaning and teams for surveying going to same location at different times to complete tasks.
- i. This approach is acceptable to Northglenn.
- 15)** Is this information going into a Master Plan?
- i. Yes, this information will be used to identify and prioritize our future replacement, repair, and maintenance needs.
- 16)** Are there inlets or outlets/pipes within the railroad ROW?
- i. Yes. Northglenn has an IGA with RTD for access to all storm infrastructure within their ROW. Access will not be a problem.
- 17)** Is there a specific software the information will need to tie (or translate) into?
- i. We will need ESRI shape files.
- 18)** Will the city supply Traffic Control for cleaning or surveying?
- i. No, city crews don’t have the staffing capacity.
  - ii. Contractor/consultant requesting Permit to work in our ROW will need to obtain a ROW license and Traffic Control Permit. Both will be no cost for this project.

- 19)** As traffic control needs are another unknown, (like question #13) how should the costs be included in the proposal?
- i. Traffic control has been added as a line item, at cost +15%, to EXHIBIT B, AMOUNT OF COMPENSATION. We are expecting an educated estimate, not an exact number. Please use the revised document as an attachment to your proposal. *Attachment 4.*
- 20)** How much has the city budgeted for this project?
- i. Northglenn can't give you a dollar amount, but this project is a high priority. We will find a way to fund the complete project.
- 21)** What if cleaning or surveying needs to happen in the middle of an arterial? Closing down both (or multiple lanes) is not an option?
- i. Northglenn will work with the contractor to identify another avenue of access, or we would consider night work.
- 22)** What are the allowed work hours for arterials? For residential areas?
- i. Arterials – 8:30 a.m. to 3:30 p.m.
  - ii. Residential – 7:30 a.m. to 5:00 p.m.
- 23)** Who did the city use to previously clean the storm system? Was the entire system cleaned?
- i. Ace Pipeline in 2006.
  - ii. No, only about ¾ of the system.
- 24)** Can we have access to the existing storm GIS files?
- i. The successful team/proposal will be given access to our system. A KMZ file has been/is being provided for all proposers. See question #7.
- 25)** Will using the Ques system/software disqualify you?
- i. No.

Questions after the Pre-Proposal meeting –

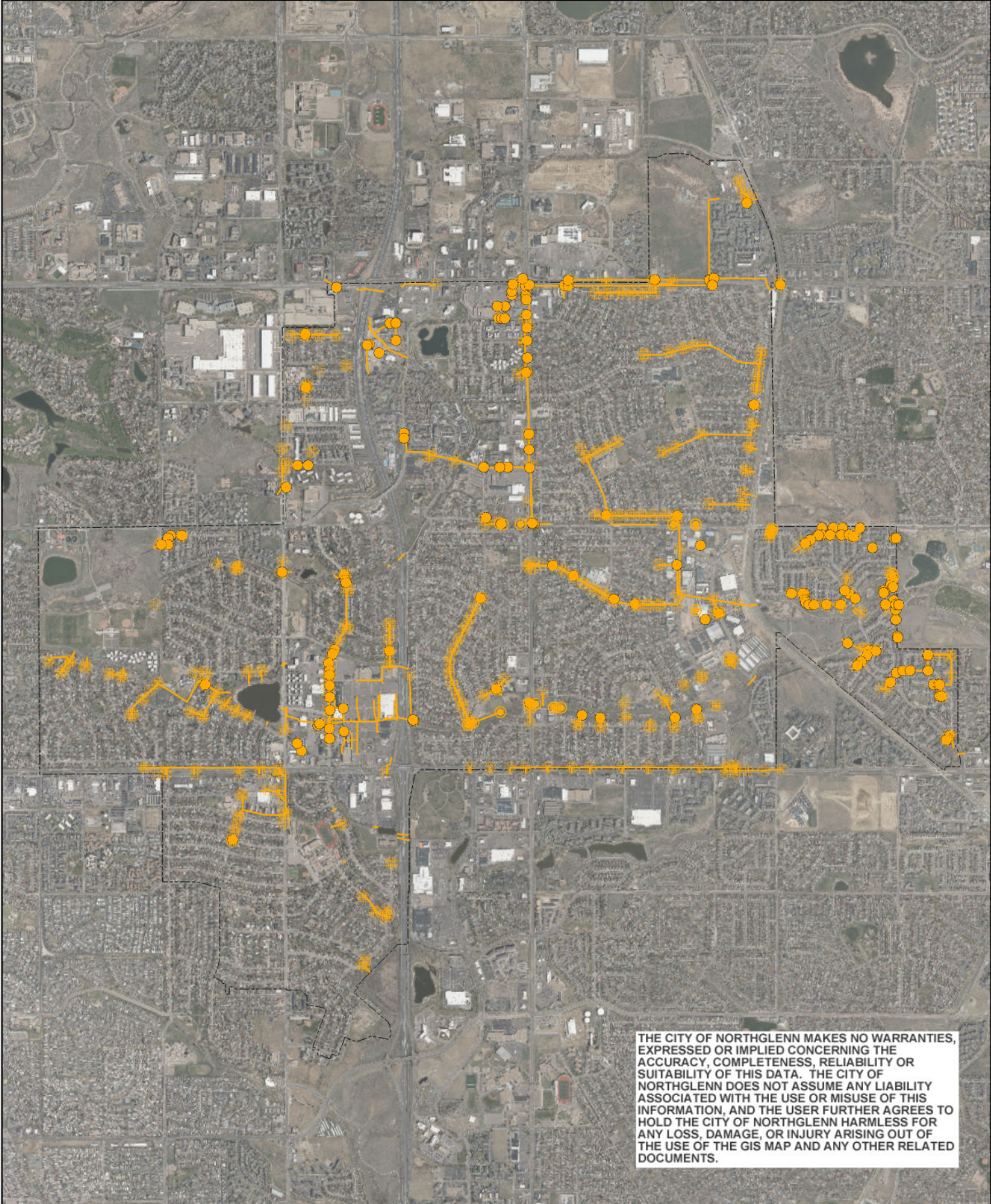
- 26)** Please clarify how proposals are to be submitted.
- i. Electronic proposals can be submitted to [rfp@northglenn.org](mailto:rfp@northglenn.org) .  
Hard copies can be delivered to:  
*City Clerk's Office*  
*11701 Community Center Drive*  
*Northglenn, CO 80233*  
Hard copies must contain three (3) full copies in a sealed envelope, clearly marked with the name and number of the proposal.
- 27)** What is the accuracy required for the feature collection?
- i. Accuracy should be sub-meter survey grade.
- 28)** Do we need to match the existing GIS schema and if so is it possible to get a copy of the schema?
- i. Existing data for assets is inconsistent. Attached is an Initial Draft Schema. The selected consultant will help us to refine or revise the schema. *Attachment 5.*
- 29)** With ROW permits, would they be individual permits for each site, or could we get a blanket permit?
- i. We will issue one permit for the project; however each location must have specific information.

- 30)** Would the City consider covering the traffic control at Cost +15%? This is the largest unknown for the project and would be very challenging to put a number on.
- i. See the answer for Question #19.
- 31)** Does the city have existing geo data that the awarded team would use and expand or would the awarded team be creating a new one?
- i. There is some existing data, but the accuracy (and completeness) is uncertain. All existing information must be verified or re-acquired.
- 32)** Does the city have specific traffic control requirements that could be provided?
- i. All traffic control plans must comply with the latest MUTCD standards. Please see *Attachment 6*.
- 33)** As the city spans across I-25, will the I-25 corridor portion of the city be part of this project?
- i. CDOT has provided us with information on their infrastructure within the I-25 corridor.
- 34)** Is the Northglenn wastewater plant area be included as part of this project?
- i. No.
- 35)** How many assets are on the current GIS?
- i. Approximately 1,620.
- 36)** Is this a conjoined infrastructure system sewer/storm?
- i. No, it is a separate system.
- 37)** Can the cleaning be quantified to time and material, linear feet, or hourly?
- i. Please see the answer to Question #13.

Attachments:

- Attach 1\_ Storm Overview Map
- Attach 2\_ Eval Criteria
- Attach 3\_ Storm Map (.kmz file)
- Attach 4\_ Exhibit B\_ Addendum 1
- Attach 5\_ Initial Draft Schema
- Attach 6\_ Traffic Control
- Attach 7\_ Pre-Bid Attendees

**END OF ADDENDUM NO 1**



THE CITY OF NORTHGLENN MAKES NO WARRANTIES, EXPRESSED OR IMPLIED CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY OR SUITABILITY OF THIS DATA. THE CITY OF NORTHGLENN DOES NOT ASSUME ANY LIABILITY ASSOCIATED WITH THE USE OR MISUSE OF THIS INFORMATION, AND THE USER FURTHER AGREES TO HOLD THE CITY OF NORTHGLENN HARMLESS FOR ANY LOSS, DAMAGE, OR INJURY ARISING OUT OF THE USE OF THE GIS MAP AND ANY OTHER RELATED DOCUMENTS.

## EVALUATION CRITERIA

### Qualification and Experience

- The contractor must have a supervisor or project manager with at least two (2) years' experience using NASSCO PACP and MACP inspection and coding.
- Verification as the contractor you can meet the NASSCO requirements:
  - NASSCO certification numbers of operators on all inspections
  - Pipe and manhole inspection camera software shall be NASSCO PACP 7 certified; state name of software being used and if it is NASSCO compliant. Inspections and ratings (video and data such as photographs collected) will be conducted entirely in electronic or digital format following NASSCO 7 requirements.
- The contractor shall have completed at least three (3) contracts of similar scope, preferably on storm sewer infrastructure. The contractor shall be able to provide references from at least three (3) contracts of similar scope.
- Provide a list of people and their roles committed to this project.
- Provide a list of any subcontractors that will be performing services, including their titles and roles with this project.

### Example Work Products

- The contractor shall submit an example of prior CCTV inspection work that meets the requirements of this RFP.

### Equipment

- Sewer Cleaning Equipment. The contractor shall use appropriate equipment to clean all sediment, rocks, roots, and debris from each asset thoroughly. The required equipment may be high velocity water jet cleaning equipment with various attachments or mechanical cleaning equipment such as buckets, root cutters or power rodders. The contractor shall select the proper cleaning equipment and procedures based on the condition of the assets at the time work commences. Solids shall be removed from the site and disposed of properly. Northglenn will not furnish any equipment, nor a place for disposal. These costs will need to be included. The contractor cost will include a complete cleaning regardless of the severity of sediment, rocks, roots, and debris.
  - Own a minimum of one (1) cleaning service truck and equipment with the ability to clean lengths up to 600 feet.
  - Own at least one (1) high pressure water jetting equipment, capable of cleaning storm sewer pipes properly.

### Approach to Scope of Work

- The contractor will need to provide a detailed work plan and schedule of activities.

- Provide data collection, management, and deliverable plan describing specific data to be collected with specific tools, software, hardware and methods, data storage and delivery and quality assurance and quality control. Specifically, how field data and final products issued will be monitored and resolved, work checked and cross-referenced, and coordination ensured to be complete, accurate and coordinated with subcontractor or the City.
- Methods and timeline of communication with the City's Project Manager.
- Traffic control plan
- Health and safety plan

### **Evaluation of Bids**

The City will select the successful Bidder(s) based on the following criteria:

1. Overall rating of Letter of Introduction/Executive Summary. **(Max. 5 points)**
2. Qualifications of the Project Team. **(Max. 5 points)**
3. Adherence to Statement of Requirements. **(Max. 10 points)**
4. Acceptable work schedule and delivery methodology. **(Max. 10 points)**
5. Overall quality of proposal presented. **(Max. 10 points)**
6. Cost/Offer - Primary Scope of Work. **(Max. 15 points)**

The City reserves the right to award this RFP in part or whole, and to consider the option of selecting one or no Proposals.

### **Scoring System**

Each specific requirement that is referenced in the Requirement Section, as well as the overall Proposal will be scored. The quality and clarity of the explanatory comments, at a detailed requirements level, will be a key determinant in assigning specific scores. As such, all Bidders are encouraged to prepare clear, detailed, and meaningful responses.



**EXHIBIT B**  
**AMOUNT OF COMPENSATION**

\_\_\_\_\_  
(Consultant)

Hereby submits to the City of Northglenn, Colorado, the following proposal items, complete and in place, as specified for the:

Storm System Mapping & Condition Assessment

RFP 2023-006

Item	Description	Amount
Task 1	Map locations of all existing storm infrastructure	\$
Task 2	Conduct a condition analysis of the existing infrastructure	\$
Task 3	Traffic Control – (Cost + 15%)	\$
<b>TOTAL OF ALL PRICES:</b>		

Respondents shall include an hourly cost summary by employee type for each item above, the sum of which should equal the total amount of compensation above. All costs shall include all direct and indirect expenses to complete all phases of work listed above.

Total           \$ \_\_\_\_\_

Total in Words \_\_\_\_\_



## Initial Draft Schema

### Inlets

- Type (Type-R/Type-B/Combo/Area/Other)
- Structure Type (Pre-Cast/Cast-In-Place)
- Size (length, width, depth)
- Invert elevation(s)
- Comments
- Photo 1
- Photo 2
- Date Stamp

### Manholes

- Internal Size
- Rim Cover Size
- Material Type
- Steps (Yes/No)
- Structure Depth
- Invert elevation(s)
- Comments
- Photo 1
- Photo 2

### Pipes

- Size
- Material
- Upstream Invert
- Downstream Invert
- Length

### Outfall

- Size
- Material
- Trash Rack (Yes/No)
- Headwall (Yes/No)
- Headwall Size
- Box Section (Yes/No)
- Box Section Size
- Number of openings
- Invert elevation(s)
- Comments
- Pic 1
- Pic 2

### Culvert

- Pipe Culvert, Pipe Arch, Box Culvert, Arch Culvert, Bridge Culvert, Other
- Size
- Material
- Comments
- Pic 1
- Pic 2

### Detention Pond Outlet Structure

- Micro Pool (Yes/No)
- Orifice Plate (Yes/No)
- Trash Rack (Yes/No)
- Well Screen (Yes/No)
- Manhole Access (Yes/No)
- Invert elevation(s)

**Traffic and Pedestrian Control Plan**

A detailed traffic and pedestrian control plan that complies with the requirements of the Manual of Uniform Traffic Control Devices (MUTCD), latest revised edition, shall be submitted to the Traffic Engineer for review and approval. Traffic control plans shall be site specific and show signs, barricades, cones, tapers, spacing, driveways, paths and walks along with any other pertinent information. Include the number of workdays as well as the specific hours of the proposed work. Pedestrian control shall comply with the requirements of the Americans with Disabilities Act. Generic traffic control plans cannot be accepted.

A message board must be up for 5 business days, weekends count toward 5 days, if you have lane closures on a major or collector arterials, before work can start.

For questions or concerns, please contact Terrie Pineda, ROW Permit Desk at 303-450-8984 or e-mail at [tpineda@northglenn.org](mailto:tpineda@northglenn.org).



**Storm Drainage System Mapping and Condition Assessment #2023-006**

**Pre-Bid**

**March 23, 2023**

Virtual Sign-in

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