





Purchasing Division
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Addendum 2
Bid 22-99297
21st Ave East Rehabilitation

This addendum serves to notify all bidders of the changes to the solicitation as identified in the attached document.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the Bid Express solicitation.

Posted: **April 8, 2022**

ADDENDUM #2, April 8, 2022

21st Avenue East Rehabilitation

S.A.P. 118-152-016

City Project # 1993

BID No. 22-99297

NOTICE

This Addendum is issued to modify, explain, or correct the original drawings, specifications and/or previous addenda and is hereby made a part of the Contract Documents. Please attach this Addendum to the specification and note receipt of this Addendum on the Request for Bid.

GENERAL

No changes.

DRAWINGS

No changes.

SPECIFICATIONS

Add the following section to the Special Provisions:

S-100 (2011) AS BUILT

SP2020-66

- | | |
|---------|---|
| S-100.1 | DESCRIPTION
This Work consists of capturing As-built Asset Features in standard Asset Class deliverable formats. |
| S-100.2 | MATERIALS – BLANK |
| S-100.3 | CONSTRUCTION REQUIREMENTS |
| A | As-built Deliverables in Project Scope
Complete deliverables marked with an “X” in Table SP2011-1. Certain asset classes use multiple. |

Table SP2011-1
As Built Deliverables

In scope	Deliverable Name
X	As-built Feature Survey Memorandum
	Blowing Snow Control Systems As-built Mark-up Plan
	Blowing Snow Control Systems As-built Survey Data
	Bridge As-built Mark-up Plan
	Bridge As-Built Data
	Bridge Uncontaminated Concrete Management Record
	Bridge Paint System Quality Manual (final submitted by Contractor)
	Drainage As-built Mark-up Plan
	Drainage Pipes As-built Survey Data

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In scope	Deliverable Name
	Drainage Ponds-Basins As-built Survey Data
	Drainage Structures As-built Survey Data
	Drainage Ponds-Basins Bathymetry Contours
	Drainage Professional Surveyor Letter
	Facility Site As-built Survey Data
	Geotech Earth Retaining Structures (ERS) As-built Survey Data
	Geotech Slopes (Reinforced; Anchoring; Armoring) As-built Survey Data
	Geotech Subgrade (Ground Improvement) As-built Survey Data
	Geotech Special Drainage (Groundwater Controls) As-built Survey Data
	Geotech Instrumentation As-built Survey Data <i>[Inclinometer, Piezometer, Shape Accel Array, Data Cabinet, etc.]</i>
	Lighting Systems As-built Mark-up Plan
	Lighting Systems As-built Survey Data
	Noise walls As-built Survey Data
	Pavement Messages As-built Survey Data
	Rumble Strips As-built Survey Data
X	Signal Systems As-built Mark-up Plan
X	Signal Systems As-built Survey Data
	Signing Supports and Panels As-built Survey Data
	Stationary Anti-Icing Systems As-built Mark-up Plan
	Stationary Anti-Icing Systems As-built Survey Data
	Traffic Barriers Mark-up Plan
	Traffic Barriers As-built Survey Data
	Traffic Management Systems (TMS) As-built Mark-up Plan
	Traffic Management Systems (TMS) As-built Survey Data
	Weigh Station Systems As-built Mark-up Plan
	Weigh Station Systems As-built Survey Data

Include installed or modified As-built Asset Features. Examples of modified features: existing Structures connected to new pipe, existing pipe with new liner, existing pond or basin regraded, existing conduit with new cable pulled through, and Bridge footings left in place.

B As-built Mark-up Plan Deliverables

Record As-built Asset Feature elevations, locations, and material changes on the Plans. Include mark-ups from the Contractor unit(s) that performed respective Work. Include revisions due to Change Orders and/or Supplemental Agreements. Use red text and red revision cloud to clearly highlight changes.

Subdivide the Plans by Asset Class.

Write "No Changes" if no revisions on pages. Include final elevations for drainage pipe ends, aprons, Structures, ponds/basins, special features, etc. Include final wiring diagrams for signals, Lighting, and TMS systems. Create an enlarged supplemental depiction for high density TMS cable and Structure areas. Include red box on the first page of each subdivided Plan, enclosing information:

As-built Mark-up Plan "Asset Class"

Inspector name

Project Engineer name

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Prime Contractor Company name
Prepared By

C As-built Survey Data Deliverables

Conduct survey of As-built Asset Features to match changes captured by As-built Mark-up Plans and use standards defined by As-built Website Templates and Feature Collect Indexes representing final elevations, locations, and descriptive attributes. Collect conduit and cables prior to disturbance of plow line, otherwise after electromagnetic Equipment locate. Additional Pipe End Section elevations shall be recorded, as directed by the Engineer.

Achieve survey grade accuracy with datum criteria:

Horizontal Reference Datum: WGS 1984
Horizontal Coordinate System: Geographic (Latitude/Longitude)
Horizontal Units: Decimal Degrees
Horizontal accuracy: +/- 1foot
Vertical datum: NAVD88; Units: Feet
Vertical accuracy: +/- 0.1 foot

Use of mapping grade Equipment (+/-3 feet horizontal) permissible for non-Bridge/Drainage/Geotechnical Asset Classes.

D As-built Kick-off Coordination and Deliverable Submittal Process

Provide a contact list with names of Contractors assigned to submitting deliverables and attend As-built specific kick-off meeting, held at discretion of the Engineer.

Resolve comments provided by the Engineer. The Engineer will comment no later than 20 Calendar Days upon receipt.

S-100.4 METHOD OF MEASUREMENT – BLANK

S-100.5 BASIS OF PAYMENT

A Schedule

The Department will pay for As-built deliverables on the basis of the following schedule:

Item No.	Item	Unit
2011.601	As Built	Lump Sum

RESPONSES TO BIDDER QUESTIONS

No changes.

END OF ADDENDUM