



MUNICIPAL SERVICES DEPARTMENT
ENGINEERING DIVISION
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Date: 08/08/2025

City Project No.: 24-020

Addendum No.: 2

Plan holders:

Revisions to Plans and Specifications

The following additions, deletions or modifications shall become part of the Contract Documents:

Strikethrough text (~~text~~) indicates deletions.

Bold Italicized text (**text**) indicates additions.

Project Specifications:

Item No. 1 – Bid opening date has been moved to **Wednesday, August 20th, 2025** at 9:00 AM.

ADDENDUM NO. 2

BIDDER'S FORM

PROJECT TITLE: Fire Station No. 32 Window Replacements

PROJECT NUMBER: 24-020

OPENING DATE: August 20, 2025

OPENING TIME: 9:00 AM

Item No.	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total
1	FS #32 Window Replacements	LS	1		
Subtotal					

Bidder has examined and carefully studied the Bidding documents and other related data identified in the Bidding Documents and the following Addenda, receipt of which is hereby acknowledged

ADDENDA

No. _____ Date _____ Signed _____

No. _____ Date _____ Signed _____

No. _____ Date _____ Signed _____

No. _____ Date _____ Signed _____

No. _____ Date _____ Signed _____

TOTAL BID WRITTEN IN FIGURES: \$ _____, _____, _____ . _____

TOTAL BID WRITTEN IN WORDS: _____

CONTRACTOR: _____

Item No. 2 – Section 10.01 is amended to read as follows:

SECTION 10 CONSTRUCTION DETAILS

10.01 WINDOW REPLACEMENTS – INSTALLATION

Refer to Appendix A – Window Index for locations and numbering.

1. General Scope

- Contractor shall furnish and install new windows at locations #1–20 as shown in the Window Index.
- Windows #1–2 and #5–20 shall be fixed (picture) type.
- Windows **#1-2 and** #3–4 shall be operable (horizontal sliding) kitchen windows.

2. Demolition and Preparation

- Remove all existing window units, including frames, glass, exterior stops, and trim.
- Prepare rough openings by removing debris and loose materials.
- Apply black polyurethane sealant to all rough openings prior to new installation to ensure air and moisture sealing.

3. New Window Installation

- Provide and install new dual-pane insulated glass units (IGUs) for windows #1–20, except as noted below.
- IGUs shall be constructed with the following glazing:
 - Fixed Windows (#1–2, #5–20):
 - 1" overall IGU: ¼" LoE 366 / TPS spacer / ¼" clear glass
 - Filled with argon gas, with clear finish
 - Kitchen Operable Windows (#1-2, #3–4):
 - Horizontal sliding units with thermally broken, bronze-anodized aluminum frames
 - Glazing: 1/8" LoE 272 / TPS spacer / 1/8" clear glass (total ¼" thickness)
 - Include full insect screens.

4. Glazing Film Application

- Apply blast mitigation film (e.g., Solar Gard Armorcoat 8 Mil **with tinting** or approved equal) to interior face of windows #1–15.
- Apply blast film to existing garage windows facing S. Walnut Road.
- Apply Solar Gard TrueVue 15 (or equivalent) solar control window film to all new window glazing (#1–20):
 - Visible Light Transmittance (VLT): ~15%
 - Total Solar Energy Rejected (TSER): 72%–76%
 - Ultraviolet Light Blocked: >99%
 - Fade Reduction: ~87%
- Film shall be installed per manufacturer's recommendations, free of bubbles, streaks, and defects.

5. Frame and Stop Installation

- Install 3¼" B-block frames, fully shimmed, square, and sealed at perimeter.
- Install drip caps below *above* all windows for moisture control.
- Provide and install exterior window stops:
 - Material: Rough-sawn redwood, 1" x 1½" or to match existing
 - Horizontal stops shall be placed first, followed by verticals cut in
 - Secure with #10 x 2" galvanized finish nails, countersunk, spaced at 24" O.C. and 6" from ends
 - Seal all joints with black polyurethane sealant

5. FRAME AND STOP INSTALLATION

- *Provide and install 3¼" retrofit aluminum window frames with 50+ series (or approved equal).*
- *Frames shall be square, fully shimmed, and sealed at the perimeter to ensure proper fit and weatherproofing.*
- *Seal all joints and perimeter interfaces using black polyurethane sealant to prevent water intrusion and air leakage.*
- *Install metal drip caps above all windows for moisture control, securely fastened and integrated with existing building façade.*
- *Do not install wood exterior stops, as existing construction is masonry (brick). Aluminum frame system shall provide necessary anchoring and finish trim.*

6. Glazing Requirements

- All new window glass shall be laminated and tempered, per CBC 2022 requirements.
- Door windows (#7 and #16) shall be single-pane; all others shall be dual-pane IGUs.
- *Windows #7 & #16 to be minimum ¾" glass*
 - *Remove existing stop, add new glass.*
- Lower-level glass shall be tempered and permanently labeled to meet CBC Section 2406.3.
- Upper-level glass may be annealed unless otherwise required by code.

7. Painting and Finishing

- Prime and paint all new exterior wood trim and stops to match existing building finish.
- Remove all manufacturer stickers and labels from glass surfaces.
- Thoroughly clean window interiors post-installation.
- Dispose of all construction debris off-site daily.

8. Submittals and Warranty

- Provide product samples for glass units and film types for review and approval. ***Electronic submittals are acceptable.***
- Submit manufacturer warranties for both:
 - Window units (minimum 25-year on IGU seal failure)
 - Window film (manufacturer's standard 10-year warranty or better)

The contract price paid for each bid item shall include full compensation for furnishing all labor, material, tools, equipment and incidentals, and for doing all the work involved in constructing, installing and removing windows, complete in place, as shown on the plans, specified in the standard specifications and these special provisions, and as directed by Engineer.

If you have any questions, please call me at (209) 668-6029 or email at ccalvario@turlock.ca.us.

Sincerely,

A handwritten signature in pink ink that reads "Charlotte Calvario". The script is cursive and fluid, with the first name and last name clearly distinguishable.

Charlotte Calvario
Project Manager