PART V: SCOPE OF SERVICES (DETAILS)

1.0 THE SERVICES

SCENIC HILLS ELEMENTARY WINDOWS & STOREFRONT REPLACEMENT
Scope of Work (Design-Build)

Replace existing storefront and windows at Scenic Hills Elementary School. This is a design-build project. The awarded contractor will use an A/E firm or have qualified A/E staff.

The installer must have a minimum of 5 years of experience with some experience specifically in window & storefront replacements of a large size in an older building.

This school was built in 1957, therefore, the awarded bidder will be responsible for obtaining asbestos and lead-based paint testing prior to commencement of the job. The presence of asbestos and/or lead based paint will require abatement by the awarded contractor. All abatement efforts shall follow state, local and federal guidelines.

Attendance of the pre-bid meeting is mandatory.

After the project is awarded but prior to the design phase, a window opening shall be identified and demolished to reveal site conditions to be addressed by the project that would otherwise remain unseen. This opening may serve as the site of the mockup before project commencement.

All exterior windows must be/have:

- Constructed of commercial grade type fabricated from aluminum extrusions of not less than 0.062’ thickness for main frame and sash.
- Constructed of thermally broken aluminum. Use of steel or wood exterior windows is prohibited.
- Fixed units unless required otherwise by code. When operable units are required, the designer is to determine the best window type to meet the criteria.
- Recessed or otherwise protected from direct exposure to precipitation
- A horizontal frame approximately 36" above finish floor shall be provided at full height windows
- Vandal resistant systems whenever possible
- Equipped with secure locks and latches that cannot be “jimmied” or broken
- Laminated glass/glazing installed on all first-floor windows and doors, including installation of glass/glazing on all second-floor windows
- Aluminum sub sills with waterproof edges shall be used and attachment system that eliminates penetration through the head and sill flashings
- Separation provided to prevent galvanic corrosion
- A frame finish of one of the following:
    - natural satin anodized finish
    - color-anodized finish
    - fluoropolymer Kynar 500 color coating
- Flashing, trim, and exposed fasteners that match frame finish
- Insulated glass in accordance with local energy codes and per the energy model requirements of the engineering consultant
- Tempered glass shall be installed at and adjacent to doors as required by code
- Provide bullets resistant film on all windows and storefront glazing.
- Exterior glazing 6'-0" or less above walkway surfaces and shall be tempered
- A non-absorbent, easily cleanable surface shall be provided at windowsills
- Solid surface stools made of mechanically anchored slates, polymer, ceramic or quarry tiles are

acceptable. Wood, gyp board, plastic laminate, metal, and concrete masonry unit stools are prohibited.

- All exterior glass/glazing to be laminated