

**Community High School District #128**

**Libertyville High School**

**Window Replacement Project**

**2012**

**ADDENDUM #1: Dated January 30, 2012**

**V. Project Specifications**

**Part 1 General**

1. Paragraph **1.03-2**. All products (*windows, curtain wall and entrance doors*) shall be by the same manufacturer.
2. Paragraph **1.06 –D**. *Thermal Transmittance (U Value) is not to be more than 0.64.*
  - E. Condensation Resistance (CRF) not less than 49 for frame, 59 for glass.*
  - F. Air Leakage: Not more than 0.10 CFM per sq. ft. at 6.24 psf of wall area when tested in accordance with ASTM E283-04.*
  - G. Water Penetration: No uncontrolled leakage at 15 psi when tested in accordance with ASTM E 331.*
  - H. Finish: Anodized to match existing.*
3. Paragraph **1.08 – B**. Single Source Responsibility: Provide aluminum windows, *curtainwall and entrance doors* produced by a single manufacturer capable of showing prior production of units similar to those required.
4. Add Paragraph **1.10 Warrantee**. Ten (10) Years
  - A. Total Window System**
    - 1. The responsible contractor shall assume full responsibility and warrant for one (1) year the satisfactory performance of the total window installation which includes that of the windows, hardware, glass (including insulated unites), glazing, anchorage and setting system, sealing flashing, etc as it relates to air, water, and structural adequacy as called for in the specifications.*
    - 2. Provide written warranty for total window system including insulated glass units and Anodic finish for a period of ten (10) years.*
5. Paragraph **2.01-G**. Glass: 1" insulated with both ¼" thick panes *Solarban 60* tempered, color to match existing . Refer to Glass and Glazing Specifications.
6. Paragraph **2.02-A**. *Aluminum extrusions: Provide alloy and temper recommended by the window manufacturer for the strength, corrosion-resistance, and application of required finish, but not less than 22,000 jpsi ultimate tensile strength and not less than 0.125" thickness at any location for main frame and sash members.*

7. Paragraph **2.03-A**. Commercial Windows: Provide window units complying with the requirements of AAMA Grade and Performance Class **AW-PG75-AP**.
8. Paragraph **2.04-B-2**: Provide insect screens on all operable windows, of the two access panel (*wicket screens*).

**Alternate Number ONE (1)**

1. Paragraph **1.12-G**. Water Resistance: The test specimen shall be tested in accordance with ASTM E 331. There shall be no leakage at a static air pressure differential of **15 psf** as defined in AAMA 501.