074213 - Metal Wall Panels

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SECTION 07 4213 - METAL WALL PANELS

1.1 SUMMARY
A. The University prefers to use regional materials within a 500 mile radius of the campus.
B. Section Includes:
   1. Formed metal copper wall panels at exterior walls.
   2. Fabricated copper louvers to match metal wall panels.

1.2 SUBMITTALS
A. LEED Submittals:
   1. Product Data for Credit MR 4.1 and Credit MR 4.2: Indicate percentages by weight of postconsumer and preconsumer recycled content for products having recycled content.
      a. Include statement indicating costs for each product having recycled content.
   2. Product Data for Credit MR 5.1 and Credit MR 5.2: For regional materials indicating location and distance from Project of material manufacturer and point of extraction, harvest, or recovery for each raw material.
      a. Include statement indicating cost for each regional material and the fraction by weight that is considered regional.

1.3 QUALITY ASSURANCE
A. Custom-Fabricated Sheet Metal Wall Fabricator/Installer Qualifications: Shop that employs skilled workers who custom-fabricate sheet metal work similar to that required for the project and whose products have a record of successful in-service performance with a minimum of three (3) projects similar in scope.
B. Fire-Resistance Ratings: Where indicated, provide metal wall panels identical to those of assemblies tested for fire resistance per ASTM E 119 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1.4 PANEL MATERIALS
A. Copper Sheet: ASTM B 370; temper H00, cold-rolled, except where temper 060 is required for forming; not less than 20 oz./sq. ft.
   1. Manufacturer: Revere Copper.
   2. Finish: Natural Copper.
B. Approved Fabricators/Installers: Provide shop-fabricated copper panels fabricated and installed by one of the following:

2. Gilbert and Becker.
3. Oak.

END OF SECTION 07 4213