

**Waste Reduction Coordination
for Headquarters Renovation**

**Meeting Summary
July 14, 1992**

Location: New Headquarters Building

Attendees: Metro: Berit Stevenson, Joanna Karl, Bill Metzler, Glenn Taylor, Andy Sloop, Steve Kraten, Pat Varley, Pat Merkle

Additional Distribution: Jim Goddard, Michele Gregory, Leigh Zimmerman, Flor Matias, Genya Arnold

These Minutes contain corrections to the June 30 meeting. These Minutes supersede the June 30 meeting:

Construction and Design Work: Everything is gearing up. The Tenant Improvement (TI) package was delivered to Metro yesterday, ~~7/13/92~~. They have now entered into the two-week bid period. Any changes or revisions that Metro wishes to speak with the Architect about should be completed by 7/24/92. Bids will be awarded and the Tenant Improvement decisions will be made in 2 to 3 weeks. There are currently about 50 people working on this project and the project is growing quickly. Harmon Glass has begun work on site. A total of six subcontractors are working daily and four more are scheduled to start in the immediate future. The TI bid package was issued July 13, 1992. The section pertaining to recycled products incorporates Metro Solid Waste staff comments and revisions. That document has been copied and will be attached to the Minutes.

Recycled Products: Metro/Rasmussen recycled interior flat latex paint is specified as an alternate in the TI bid package. Hoffman will send copies of the bid package to two commercial paint contractors Rasmussen has recommended. As discussed at the June 23 meeting with TVA and Hoffman, Metro will provide limited indemnification for application of the recycled paint if necessary. Hoffman will not require such an indemnification unless the painting subcontractor request it, in which case Hoffman will ask Metro for a letter relieving Hoffman of liability for any costs that may be incurred as a result of material defect. Andy clarified recycled paint supply data listed in the June 30 meeting minutes. Metro expects to collect 330 gallons of recyclable latex paint (interior light, exterior light and exterior dark) per week. This translates into approximately 100 gallons per week of interior light, or 1,500 to 2,000 gallons by early November when Hoffman anticipates interior painting will begin. TVA estimates the project will use approximately 500 to 1,000 gallons of interior flat latex paint. Andy also noted that Rasmussen currently is reprocessing pilot batches of exterior light and exterior dark latex paint. The chemical content and performance of these paints will be tested extensively during the next two to three months. If these exterior paints are as good as the recycled interior appears to be, Andy suggested Metro consider using them on the parking structure adjacent to the Headquarters building. These recycled exterior paints are expected to sell for \$5/gallon, which is the same price as the recycled interior.

1% for Art: Two projects have been selected. One is etched glass and mirrors. This project will visually demonstrate Metro's mission on 36 etched glass pictures to be displayed inside the building. The artist has expressed interest in using recycled or scrap plastic, tiles, copper and brass. Andy is researching supply sources for these materials. The other project will be plaza pavers. They will be using recycled tiles and tiles with impressions of recycled materials or recyclable materials. Hoffman is willing to accommodate this project while building the plaza. It will require their cooperation. The projects do not have a determined start date. It is anticipated that they will be underway by this fall.

Landscape: Bill Metzler spoke with the Landscape Architect last week. The Architect seemed open to revisions and wants to set up a meeting. We are looking for ways to improve irrigation and incorporate water conservation on this project. The Architect appreciates consensus and is interested in our comments. Anything that needs to be changed should be changed to accommodate the design review process. Xerescape has been looked at as an option. However, Berit believes Xerescape would not pass design review. and therefore not an option for this particular project. The Committee has an interest in defining the window of opportunity if any, for modifications to the current landscape design plan. The Committee may desire a landscape that could be a model for future buildings that would be very water efficient. Bill Metzler will continue on-going discussions with the Architect and Berit and report back to the Committee in two weeks.

Energy: Glenn and Berit met with Joanna Karl and an individual from the Department of Energy and examined all of the energy measures for the building. The individual from the Department of Energy is to get back to them with an official memo which has not arrived yet. They will present the memo at our next meeting. Glenn is researching the parking garage lighting. There is a controversy over whether to use the high-pressure sodium or the metal halide lights. He has devoted much time and energy to studying the options and is leaning towards the most resourceful lights, which would be less expensive and produce more energy. The energy procurement language will need to be developed during the completion of this project to ensure energy-efficient purchases for equipment to be used in this building. We hope to continue the resourceful renovation with resourceful purchasing. Steve Kraten stressed the importance of the leadership of Metro and the importance of this particular project.

PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections, apply to this section.
- B. See Section 01800 "Recycled Product Alternates" for alternate paint products to be bid for this Section.

1.2 SUMMARY

- A. This Section includes surface preparation, painting, and finishing of exposed interior and exterior items and surfaces, for both "Core & Shell" and "Tenant Improvement" work.
 - 1. Surface preparation, priming, and finish coats specified in this section are in addition to shop priming and surface treatment specified under other sections.
- B. Paint exposed to view and weather surfaces whether or not colors are designated in "schedules," except where a surface or material is specifically indicated not to be painted or is to remain natural. Where an item or surface is not specifically mentioned, paint the same as similar adjacent materials or surfaces. If color or finish is not designated, the Architect will select from standard colors or finishes available.
 - 1. Painting includes field painting exposed bare and covered pipes and ducts (including color coding), hangers, exposed steel and iron work, and primed metal surfaces of mechanical and electrical equipment.
- C. Painting is not required on pre-finished items, finished metal surfaces, concealed surfaces, operating parts, and labels except as otherwise noted:
 - 1. Pre-finished items not to be painted include, but are not limited to the following factory-finished components:
 - a. Plastic toilet enclosures.
 - b. Acoustic materials.
 - c. Elevator equipment (except doors & frames).

RECYCLED PRODUCT ALTERNATES

PART 1 - GENERAL

- 1.1 THE METROPOLITAN SERVICE DISTRICT (METRO) has a goal of using certain materials with a significant percentage of recycled content, in the construction of the Metro Headquarters building. Products containing a high percentage of "Post-consumer" recycled materials are especially desirable.
- 1.2 Bid the following items, referenced to specific Specification Sections, as alternates to Hoffman Construction Co. (either Additive, Deductive or No Charge). Bids may be deemed unresponsive if Alternate prices are not included. Metro and the Architect will make final decisions based upon price, availability, and appropriate function of specific product.
- 1.3 Products may be obtained from sources other than those listed herein.

PART 2 - ALTERNATES

- 2.1 SECTION 06410: "INTERIOR ARCHITECTURAL WOODWORK"
 - A. At the main reception desk at second floor. In lieu of a plastic laminate countertop surface use: 2 inch cast composite concrete material - "Syndecrete", by Syndesis, Inc. Source: David Hertz, (213) 829-9932. Color to be selected by Architect from manufacturers full color range. Seal finish with an approved sealer.
 - B. At the Council Chamber Councilors table: Same as "A" above.
 - C. NOTE: Because syndecrete is thicker than plastic laminate, the height of the base cabinets will need modifications.
- 2.2 SECTION 09250 "GYPSUM DRYWALL SYSTEMS"
 - A. In lieu of various manufacturers of gypsum board listed, use the following: Domtar Gypsum Wallboard with thickness and fire ratings as required.

Source: John Knez, Jr., Knez Building Materials, (503) 620-3451.
 - B. Substitutions: Per the requirements listed in Section 01630.

RECYCLED PRODUCT ALTERNATES

2.3 SECTION 09300 "TILE"

A. In lieu of products listed, use either of the following:

1. Floor and Wall tile: GTE Engineered Ceramics, "Prominence" unglazed glass based ceramic floor tile (made from light bulbs). Source: Scott Portman, Florida Tile, (503) 226-6077.

a. Architect to select from complete range of manufacturers colors.

b. Sizes: Floor tile - 8"x8"
Wall tile - 8"x8"

c. Colors will be in the gray range (no blues).

1. Use bullnose edges as required.

B. Floor and Wall Tile: STC Tile Co., "Traffic Tile", tile made with recycled glass.

Source: Liz Allen
Pratt and Larson
(503) 231-4139.

1. Architect to select from complete range of manufacturers colors.

2. Sizes: 8"x8" floor and wall tiles. Bullnose and cove trim as required.

2.4 SECTION 09650 "RESILIENT FLOORING"

A. At Rooms 294A and 294B, in lieu of the sheet vinyl flooring (Base Bid), use the following product:

1. GRP Industrial Flooring Systems (Kittery, Maine): "ECO-TILE" Interlocking PVC floor tile system. Size: 19.5" square. Color to be selected from full range of manufacturers standard colors (submit samples for selection.) Loose laid interlock system. provide all edge and transition trim as required.

Source: Michael Brill
Global Recycling Products
(404) 950-6590

2. Substitutions: Per the requirements listed in Section 01630.

RECYCLED PRODUCT ALTERNATES

B. At Room 143 (Fitness RM) in lieu of Rubber flooring specified (Base Bid), Use one of the following product:

1. Carlisle Tire and Rubber (Carlisle, PA): "Softpave" Patio Tiles, 1 inch thick, 24" x 24" square. Color to be selected from full range of manufacturers standard colors (submit samples for selection). Install wall to wall in room and provide ramp-transition strip at doorway. Install with adhesive system as required (a partial loose laid system may also be considered as long as edge curling will not occur).

Source: Pete Stores
(503) 644-5537.

2. RB Rubber Products, Inc. (McMinnville, Oregon): 3/4 inch thick rubber mat flooring system. Tiles or sheet/roll system as available. Install wall to wall in room and provide ramp/transition strip at doorway. Color: Black. Install with adhesive or loose laid - as long as edge curling will not occur.

Source: Kelly Arnold
(503) 472-4691.

C. Substitutions: Per the requirements listed in Section 01630.

2.5 SECTION 09900 "PAINTING"

A. Metro Service District is interested in using a locally produced recycled paint product. Because this is a new product tested in a lab, but new to the market - the painting contract will contain a limited indemnity for the application of this product.

B. In lieu of "PVA" sealer at interior gypsum board, use the following product:

1. Recycled interior flat latex paint - manufactured by Rasmussen Paint

Source: Chris Rasmussen
(503) 644-9137.

Color: (100% Recycled) Light. (Sample on file in Architects office).

RECYCLED PRODUCT ALTERNATES

C. In lieu of flat latex two (2) coat ceilings, (color P1 on Finish Schedule Ceilings and Soffits), use the following:

1. Recycled interior flat latex paint (see above).
Two (2) coat minimum.

Color: 25% recycled paint, 75% new flat white blended in. (Sample on file in Architects office).

2.6 SECTION 10160 "TOILET PARTITIONS"

A. In lieu of various manufacturers listed, provide partitions from the following manufacturer:

1. Santana Products, Co. Recycled material based toilet partitions.

B. Substitutions: Per the requirements listed in Section 01630.

2.7 SECTION 11160 "LOADING DOCK EQUIPMENT"

A. In lieu of the dock bumpers specified, use one of the following products:

1. Loading Dock Bumpers - Schuyler Rubber Co.
Source: Dennis Kerber
(206) 488-2255.
2. Loading Dock Bumpers - Scientific Development Inc.
Source: Frank Gallina
1-800-824-6853.

B. Substitutions: Per the requirements listed in Section 01630.

2.8 SECTION 11161 "PARKING WHEELSTOPS"

A. In addition to the products listed, the following manufacturers of wheelstops are also acceptable:

1. Charles R. Watts
Company description: Distributor
Use: Application in parking lots.
Content: 100 percent post-consumer HDPE
Source: Scott Candler
Charles R. Watts
10 Creekwood Lane SW
Tacoma, WA 98499 (206) 581-2198

RECYCLED PRODUCT ALTERNATES

2. Eagle Recycled Products
Company description: Distributor.
Use: Application in parking lots.
Content: 80 percent + post-industrial HDPE/LDPE.
Source: Carter Ford
Eagle Recycled Products
1900 Betmore Lane
Anaheim, CA 92805
(714) 955-2891

3. Industrial Refuse Sales & Services
Company description: Distributor of Hammer products.
Use: Parking lot applications.
Content: 100 percent post-consumer HDPE.
Source: Pat Patterson
Industrial Refuse Sales & Services
1240 W. Main
Auburn, WA 98001
(206) 762-4566

PART 3 - EXECUTION

3.1 BID PROCESS:

- A. A sub-bid shall be made for the recycled content material that is specified in that specification section. The sub-bid shall breakout the material cost and list the anticipated material quantity. If a price cannot be obtained, the reasons for this shall be an attachment to the sub-bid.

- B. A Sub-bid for other acceptable recycled-content alternate product or materials may also be submitted and will be evaluated by METRO and the Design Team.

- C. The price differential between the recycled content material and the acceptable alternates will be reviewed during bid evaluation to determine if the price preference will be applied.

- D. Those bidders who are successfully awarded contracts shall be required to submit a "Certificate of Compliance" to METRO, certifying the percentage of recycled materials contained in the products they intend to use on this project, (forms are available from Metro).

END OF SECTION