

# COX DESIGN ASSOCIATES

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## MeMO

TO: MICHELE MILLERS  
FROM: BOB COX  
RE: PRE-BID RESPONSE TO CONTRACTORS' QUESTIONS.  
PROJECT: A/E SERVICES TO RENOVATE 4E AND 5E PROJECT 636A8-11-001  
DATE: 31 May '12

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### Question from 21 May 2012

1. Question: Painting Section is not complete. Architect has not picked materials for the project. He has given a finish but not a product. The MicroTex needs more information for supplier (i.e..code)

*Answer: MicroTex Ceramic is a paint product of MDC of Elk Grove Village, IL. It has been selected as a Basis of Design or equal. The color is to match the Sherwin-Williams color designations from the Materials Legend, Sheet 1-A22. MDC has verified this process.*

*The Contractor may submit proposed equivalents for the MicroTex paint if desired. The acceptability of the equivalent will be determined by the Government.*

*The Contractor is to comply with requirements of Specification 09 01 00,1.3, Submittals*

*See Attachment A.*

### Question from 23 May 2012

2. Question: What is the existing wall construction?

*Answer: The existing corridor wall assemblies include structural tile and plaster. The contractor is to verify all existing conditions.*

3. Question: Where are the sloped floors located (General Note #9)?
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***Answer: Existing sloped floors are located in existing wet rooms including restrooms and showers. The contractor is to verify all existing conditions.***

4. Question: Is the Terrazzo base located at all existing walls including exterior?

***Answer: Terrazzo has been identified at wall locations including the interior side of the exterior walls. The contractor is to verify all existing conditions.***

5. Question: What are the Ceiling and Floor finishes in the existing bathrooms?

***Answer: The Medical Center Restrooms include: Flooring materials include ceramic tile; Ceilings include plaster, ACT, and gypsum board. The contractor is to verify all existing conditions.***

6. Question: Will there be any structural reinforcing need for the Ceiling Mounted PAR Rm Monitor at 5310-Nurses station?

***Answer: No, the TV mounting assembly for Nurse Station Room 5E10 can be attached to the structure above. The mounting is to follow manufacturer's recommendations. Contractor is to verify all existing conditions.***

7. Question: Will all the structural members for the patient lift system on the 5<sup>th</sup> floor be included in the Patient Lift Contract?

***Answer: See sheet 1-A17, Note 2. "PATIENT LIFT SYSTEM PURCHASED AND INSTALLED UNDER A SEPARATE CONTRACT. MANUFACTURER IS RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE TOTAL LIFT SYSTEM...." The contractor is to coordinate.***

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### **Question from 24 May 2012**

A series of comments rather than questions. We have included information which we believe will provide insights for her comments.

8. Question: The painting section is not complete.

***Answer:*** See the previous response to Question Number 1.

9. Question: The wall protection needs to be addressed in plan...there needs to be an elevation sheet and the finish schedule needs to state which material I am using because they have different thickness based on specifications.

***Answer:*** See Sheets: Wall Protection Plans 1-A5 and 1-A15.  
See Sheets: Wall Elevations 1-A8, 1-A9, 1-A10, 1-A18, 1-A19, 1-A-20, 1-A22 for elevations and material designations.

***Special Note:*** IRWC-2, Acrovyn Classic Maple 372, thickness .040. This thickness is to be used ONLY to clad the concrete column, K5, see Sheet 1-A23, Detail 8.

The Beveled Edge Panel BEP-1, 3/8" thick, is to have either the Acrovyn Classic Maple 372 or Khaki Brown 118. Both are to have the .060 thick cladding, per Specifications 10 26 00, 2.4; in High Impact Wall Covering. The Khaki Brown 118 is shown at south end of east wall above chair rail of Corridor 4CE03, see Sheet 1-A10.

The Beveled Edge Panel Trim, Black 108, is by Acrovyn

### **Question from 29 May 2012**

10. Question: Sheet 1-A9 - Elevation #7 - Showing a toilet and hand sink in a soiled utility room, but called out as a clinical sink. Which is correct. Also, does this room receive a vernacare unit? It's not shown on the drawings.

***Answer:*** Room 4E04 Soiled Utility has a Clinical Sink and hand wash sink, no toilet. There is no vernacare unit in 4E04.

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11. Question: Sheet 1-A2 - there are 2 wing walls just to the west of door 4ST02 that are shown to remain. This wall has an old Fire house cabinet in it that is not shown to be removed and replaced. Is this correct? It would make more sense to remove the wing walls and the cabinet. Please confirm what the intention is here.

***Answer: Contractor to provide according to Construction Documents.***

12. Question: Sheets 1-A2 and 1-A12 - General Notes #3, 7 and 14. Is this work to be done after hours?

***Answer: All work to be done during regular construction hours. Demolition may need to be rotated due to noise complaints.***

13. Question: Is the General Contract responsible for sealing all existing penetrations and repairing any deficiencies in existing to remain rated walls?

***Answer: Walls that are rated designated as rated assemblies in the Construction Documents are to be constructed as such.***

14. Question: Door # 5E11- has a hardware group #5 assigned to it. Is this correct? Please confirm

***Answer: No, Door 5E11 is to be hardware group HW-9.***

15. Question: Sheet 1-A22 - Owner provide material schedule. Is the owner providing the TV wall mounting brackets as well? Is the GC to install the brackets and the TV's?

***Answer: Yes, the TV and mount are a single unit and are provided by owner, installed by contractor per "OWNER PROVIDED ITEMS" see Sheet 1-A22.***

16. Question: On Sheet CW-1 there is no work station shown, but in the elevations of the rooms there is a workstation shown. Is the workstation to be provided and installed by the modular furniture contractor?

***Answer: The work stations shown on Sheet 1-A4 and room elevations on Sheet 1-A8 are to be provided and installed by the modular furniture subcontractor.***

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17. Question: Sheet 1-A18 - There is not IRWC or chair rail shown on the elevation of the headwalls units (elevation #6). The room finish schedule calls for IRWC on that wall. Please confirm what is required.

***Answer: The Patient Room headwalls are to have IRWC-1 and chair rails extending from sidewall to sidewall.***

18. Question: Is the room signage to be supplied and installed by the VA?

***Answer: The room signage and way finding is furnished, installed by the VA and outside of the contract.***

19. Question: Sheet 1-A21 - Door types 1 thru 6 are shown on the drawing. In the door schedule there are a number of doors that are scheduled to be type #7? Is this correct? What is door type #7? Can you provide an elevation of door type #7?

***Answer: The door designation type #7 is a door type #1. Door type #7 is not in the project.***

20. Question: Sheet 1-A22 - IRWC-1 - manufacture is listed as Acrovyn - Is this correct? I believe this is an Inpro Corporation Product. Please verify.

***Answer: Sheet 1-A22 – IRWC-1 is Inpro Corporation.***

21. Question: Sheet 1-A22 - BEPT-1 - manufacture is listed as Inpro Corporation. Is this correct? I believe this is an Acrovyn product. Please verify.

***Answer: See Answer 9. Sheet 1-A22 BEPT-1 is Acrovyn.***

22. Question: Are the ceiling mounted patient lift systems to be installed below the new ACT ceiling system or flush with the new ACT ceiling system? Please provide details if it is to be installed flush with new ACT ceiling system.

***Answer: The ceiling mounted patient lift systems are to be installed below the new ACT ceiling system.***

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23. Question: What is the existing construction on 4E & 5E.

***Answer: 4E walls: Metal studs and gypsum board, and structural clay tile and plaster.***

***4E ceilings: ACT and plaster.***

***5E walls: Structural clay tile and plaster.***

***5E ceilings: ACT and plaster.***

**Question from 31 May 2012**

24. Question:



Symbol not on drawing.

Is this for a GFCT

Outlet.

***Answer: Yes, See Sheet 1-E1, Electrical Power Symbol List.***

24. Question: Who supplies the toilet paper holders?

***Answer: The toilet paper holders are to be provided by the VA and installed by the contractor on both 4E and 5E***

25. Question: On the Door Schedule, doors 4E22, 5E11, and 5E26 are listed as door type 7. Is this correct?

***Answer: Doors 4E22, 5E11, AND 5E26 should be listed as door type 1.***

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25. Question: On sheet 1-A22 the Room Schedule lists IRWC / CH-1 as finish materials on the headwall of all 5E Patient Rooms but they are not shown on the room elevations. Is this correct?

***Answer: All 5E patient rooms are have a wainscot of IRWC-1 with the chair rail (CH-1) overlapping the edge of the IRWC-1 panel. The top of the chair rail is to be mounted 2'-10" A.F.F.***

26. Question: What is the date on the latest set of plans?

***Answer: The bid Construction Documents are dated "9 MAR 2012."***

26. Question: How will debris be handled?

***Answer: The contractor is to supply a dumpster and chute at their cost for demolition work. After demolition is completed the VA will supply the dumpster.***

26. Question: Where will the bid opening take place?

***Answer: Bids will be opened in Minneapolis.***

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# ATTACHMENT A – OF QUESTION 1

## SECTION 09 94 19 MULTICOLOR INTERIOR FINISHING

### PART 1 – GENERAL

#### 1.1 DESCRIPTION

A water or solvent based multicolored coating that is rolled or brushed over primed interior surfaces to obtain a decorative polychromatic finish.

#### 1.2 RELATED WORK

- A. Painting: Section 09 91 00, PAINTING.
- B. Gypsum Board: Section 09 29 00, GYPSUM BOARD.

#### 1.3 QUALITY ASSURANCE

- A. Use only qualified trained applicators for mixing and application of coating.
- B. Coverage and hide shall be complete. When color, stain, dirt, or undercoats show through final coat of multi-color coating, the surface shall be covered by additional coats until the coating film is of uniform finish, color appearance, and coverage.

#### 1.4 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Samples:
  - 1. Material samples, 150 mm (six inches) square, showing the number of coats of coating material on each substrate to which the material is to be applied. Apply coating to the samples in a setback procedure, leaving exposed a portion of the substrate and subsequent portions of each coat.
  - 2. Color samples, minimum 75 mm by 125 mm (three inches by five inches), of each color specified.
- C. Certificates:
  - 1. Letter of certification from the manufacturer stating that the applicator is approved for the multi-color coating material furnished.
  - 2. Letter of certification stating the technicians to be utilized for the application of the multi-color coating material have been trained by the coating manufacturer. Certification shall include statement



that specialized equipment as required by the coating manufacturer will be used in the application of the multi-color coating.

D. Manufacturer's Literature and Data:

1. Literature and data describing the coating material to be furnished.
2. Printed application instructions for each substrate.

### **1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING**

- A. Deliver products in original containers, (seals unbroken) bearing factory-applied labels intact.
- B. Store materials in one location designated by the Resident Engineer. Keep storage area clean, orderly, and well ventilated. Keep all waste and rags in metal containers, tightly covered, and safely dispose of at the end of each working day. Observe all precautions to avoid danger of fire. Provide approved type fire extinguishers immediately outside storage area. Maintain temperature in storage areas, at no less than 10°C (50 degrees F).

### **1.6 JOB CONDITIONS AND COORDINATION**

- A. Do not apply coating materials when temperature is below 10°C (50 degrees F). In order to prevent mildew, and improper drying of coating, provide adequate ventilation for escape of moisture from building. Once application has commenced, prevent wide variation of temperatures which might result in condensation on freshly coated surfaces.
- B. Before application is started in any area, broom clean and remove excessive dust.
- C. After application operations have begun in a given area, broom cleaning is prohibited; clean only with commercial vacuum cleaning equipment.
- D. Adequate illumination shall be provided in all areas where application operations are in progress.
- E. This work shall be scheduled and coordinated with other trades and shall not proceed until other work and job conditions are as required to achieve satisfactory results.
- F. Multi-color coating application shall be completed prior to installation of mechanical and electrical device cover plates.

### **1.7 APPLICABLE PUBLICATIONS**

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by basic designation only.
- B. The Master Painters Institute (MPI):  
Approved Product List - March 2010
- C. American Society for Testing and Materials (ASTM):  
E84-09.....Surface Burning Characteristics of Building  
Materials

## **PART 2 - PRODUCTS**

### **2.1 MULTI-COLORED COATING**

- A. Low odor, Class A Fire rated and listed per ASTM E84, bacteriostatic per MPI No. 112, Either water based modified poly urethane multicolor with ceramic beads wall system of acrylic precatylized epoxy with ceramic beads wall system coating, incorporating a high resistance to fungus, mildew, alkalinity, soil and abrasion.
- B. All materials shall be used only as specified by manufacturer's direction label on the container or other technical publications.
- C. Primer shall be approved MPI No. 125. These shall bear identifying labels on the containers. Thinners, if necessary, shall only be those as recommended by the manufacturer for the material being thinned.
- D. All coating materials and equipment shall be compatible in use; finish coats shall be compatible with foundation coatings, overcoatings and the surfaces to be coated; all tools and equipment shall be compatible with the coating to be applied.
- E. Provide ready mixed multi-color coating materials. Job tinting and mixing is not acceptable.

## **PART 3 - EXECUTION**

### **3.1 INSPECTION AND ACCEPTANCE OF SURFACES**

- A. Follow manufacturer's instructions carefully so as to apply materials only to surfaces which are acceptable.
- B. Before starting any work, surfaces to receive multi-color coatings shall be examined carefully for defects which cannot be corrected by the procedures specified under Article, PREPARATION OF SURFACES and which might prevent satisfactory results. Work shall not proceed until defects are corrected.
- C. Application of coating materials shall constitute acceptance of the surface, and shall obligate Contractor for such repair as are necessary to repair any unsatisfactory finish resulting.

### **3.2 PREPARATION OF SURFACES**

- A. Prior to surface preparation and application operations, completely mask, remove, or otherwise adequately protect hardware, accessories, machined surfaces, plates, lighting fixtures, and similar items not scheduled to receive multi-color coating.
- B. Before applying multi-color coating, thoroughly clean all surfaces involved. Schedule cleaning so that dust and other contaminants from the cleaning process do not fall on wet, newly coated surfaces.
- C. All surfaces shall be clean, dry and adequately protected from dampness. Surfaces shall be smooth, even, and true to plane, and free of any

foreign material which will adversely affect adhesion or appearance of applied coating.

- D. Mildew shall be removed and neutralized.
- E. Before coating is applied, surfaces shall be tested with moisture-testing device. No coating shall be applied when moisture content exceeds 12 percent except as may be required by the manufacturer of the coating materials used. Test sufficient area in each space, and as often as necessary to determine the proper moisture content for application.
- F. Prime surfaces to receive multi-color coating with primer recommended by coating manufacturer. Use stark white primer. No top coating will be allowed if primer is any other color than stark white.
- G. Sand and reprime all abrasions and damaged spots in the surface of the prime coat before proceeding with subsequent finish coat.

### **3.3 APPLICATION**

- A. Follow manufacturer's printed recommendations and instructions in application of multi-color coating materials.
- B. Apply multi-color coating material by using high velocity, pressure differential spray technique, with variable control to assure uniform distribution and 100 percent full coat (continuous) coverage.
- C. Equipment shall be kept clean and in proper condition to provide best quality work.
- D. Evenly spread and smoothly apply materials free of runs, sags, holidays, lap marks, air bubbles, and pin holes to assure a smooth finish.
- E. Suction or hot spots shall be touched up.
- F. Finish material shall be applied in one coat over properly primed surfaces according to manufacturer's instructions and as required to meet specified requirements for sheen, texture and color.
- G. Should any coat of coating be adjudged unsatisfactory, it shall be sandpapered or removed and additional coats applied as necessary until satisfactory finish is achieved.
- H. Finish coat shall be MPI No. 121, clear top coat for multicolored coatings. Apply per manufacturers' instructions.

### **3.4 PROTECTION AND CLEAN UP**

- A. Protect the adjacent work and materials by suitable covering or other method, during application of the textured coating. Upon completion of the work, remove all coating material spots from the floors, glass and other surfaces. Remove from the premises all rubbish and accumulated materials and leave the work in clean, orderly and acceptable condition.
- B. Contractor shall repair and recoat damaged surfaces. Repair and recoat damaged surfaces at no additional expense to the Government.

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