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GOVERNOR

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
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JOHNNY B. BRADBERRY
SECRETARY

June 7, 2007

STATE PROJECT NO. 737-92-0035
FEDERAL AID PROJECT NO. 3602(521)
REGIONAL TRANSPORTATION MANAGEMENT CENTER DOTD/RPC
ORLEANS PARISH

SUBJECT: ADDENDUM NO. 2 (CONSTRUCTION PROPOSAL REVISION)

Gentlemen:

Attached are the construction proposal revisions dated 06/07/2007 on the captioned project for which bids will be received on Wednesday, June 20, 2007.

1. The project manager's phone number on the Notice to Contractors has been revised. (1 page)

2. The Project Manuals for Regional Transportation Management Center DOTD/ RPC vols. 1 & 2 require two corrections
   a) Revised the specification entitled Composite Metal Panel System (Section 07415). (1 page)
   b) Specification entitled High Performance Coatings (Section 09800) is attached. This file was corrupt on the architectural specifications compact disk supplied with the bid documents. (6 pages)

3. The project manager phone number on the Advance Notice and newspaper advertisement is also incorrect. The correct phone number for Steven Glascock is (225) 379-2516.

Please note these revisions in the proposal previously furnished you and bid accordingly.

Very truly yours,

for RANDAL D. SANDERS, P. E.
CONTRACTS & SPECIFICATIONS ENGINEER

Attachments

pc: Mr. Brian Buckel
Mr. Michael Stack
Mr. Ken Zito
Mr. Frank Standige
Mr. Steven Glascock
Ms. Margaret Thompson
Mr. John Oglesby
Mr. Masood Rasoulian

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NOTICE TO CONTRACTORS (01/06)

Sealed bids for the following project will be received by the Louisiana Department of Transportation and Development (DOTD), 1201 Capitol Access Road, Headquarters Administration Building, Room 405-L, Baton Rouge, Louisiana 70802 until 8:00 a.m. on **Wednesday, June 20, 2007**. After 8:00 a.m., bids will be received in the Headquarters Auditorium until 10:00 a.m., at which time and place bids will be publicly opened and read. No bids will be received after 10:00 a.m. Any person requiring special accommodations shall notify the Department of Transportation and Development (DOTD) at (225) 379-1111 not less than 3 business days before bid opening.

DBE GOAL PROJECT
STATE PROJECT NO. 737-92-0035
FEDERAL AID PROJECT NO.: 3602(521)
DESCRIPTION: REGIONAL TRANSPORTATION MANAGEMENT CENTER DOTD/RPC.
PARISH: ORLEANS
TYPE: BUILDING CONSTRUCTION, PARKING LOT, LANDSCAPING, AND RELATED WORK.
LIMITS: State Project No. 737-92-0035: LOCATED ON WEST END BOULEVARD NEAR I-10/I-610 INTERCHANGE.
ESTIMATED COST RANGE: $7,500,000 to $10,000,000
PROJECT ARCHITECT: ZITO, KEN; 300 Lafayette Mall Suite 200, New Orleans, La. 70130, (504) 523-6472.
DOTD COORDINATOR: STANDIGE, FRANK; (504) 736-7090.
PROJECT MANAGER: GLASCOCK, STEPHEN; (225) 379-2516.
COST OF PROPOSAL FORMS: $25.00
COST OF PLANS: $19.00 complete plans.

PRE-BID CONFERENCE: A non-mandatory pre-bid conference will be held at the proposed construction site on Tuesday, June 5, 2007 at 10:00 a.m. All interested parties are invited to attend. All prospective bidders are advised to visit the site prior to bidding.

Bids must be submitted in accordance with Section 102 of the 2000 Louisiana Standard Specifications for Roads and Bridges as amended by the project specifications, and must include all information required by the proposal.

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Addendum Item

Changes to the Specifications:

07415 - COMPOSITE METAL PANEL SYSTEM

Paragraph 2.1.A.1, Delete:

"Alucobond Plus aluminum composite material as manufactured by Alcan Composites USA, Inc., Benton, Kentucky or approved equal."

Paragraph 2.1.A.1, Delete:

"Alpolic FR as manufactured by Mitsubishi Chemical America, Inc."

Paragraph 2.1.A.1, Change "Reynobond FR" to read:

"Reynobond with Kevlar."

Note: At this time Alucobond products and Alpolic products do not meet specified Missile Impact Ratings.

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SECTION 09800

HIGH PERFORMANCE COATINGS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Application of special coating systems to exterior items and building surfaces listed in the "Coating Schedule" at the end of this Section, including surface preparation, prime coats, and topcoats.

B. Related Sections:
1. Section 04200 - Unit Masonry.
2. Section 05120 - Structural Steel.
3. Section 05500 - Miscellaneous Metal Fabrications.
4. Section 09900 - Painting: General painting.

1.2 REFERENCE STANDARDS

A. American Society for Testing and Materials (ASTM):
1. ASTM D 2805, Contrast Ratio.
2. ASTM D 1308, Stain Resistance.
3. ASTM E 84, Surface Burning Characteristics of Building Materials.
4. ASTM D 522, Conical Mandrel Elongation.
5. ASTM D 2446, Freeze Thaw.
6. ASTM D 4585, Condensing Humidity.
7. ASTM D 3363, Hardness.
8. ASTM E 308, Light Reflectance.
9. ASTM B 117, Salt Spray.
10. ASTM D 3359B, Adhesion.
11. ASTM D 4060, Abrasion.
12. ASTM D 4541, Adhesion.

B. Federal Test Methods:
1. Standard No. 141, Method 6271, Fungal Resistance.
2. Standard No. 141, Method 6142, Scrubbability.
3. Standard No. TT-C-550C, Paragraphs 4.4.5.2 and 4.4.5.3, Stain Removal.
4. Standard No. TT-C-550C, Paragraph 4.4.6, Chemical Resistance.
5. Standard No. TT-C-555B, Paragraph 4.4.7.3, Wind Driven Rain.

1.3 SUBMITTALS

A. General: Submit the following in accordance with Section 01300.

B. Product Data: Provide manufacturer's descriptive data fully describing each product. Include solids by volume and manufacturer's recommendations for mixing, thinning, and curing.

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C. **Certificates:** Provide manufacturer's certified test reports confirming compliance with specified performance requirements.

D. **Samples:** Submit two 5" x 7" samples of each selected color.

1.4 QUALITY ASSURANCE

A. **Applicator Qualifications:** Engage an experienced applicator who has successfully completed coating system applications similar those indicated for this Project.

B. **Single-Source Responsibility:** Provide primers and undercoat material produced by the same manufacturer as the finish coats for each type of coating. Use only thinners recommended by the manufacturer and only within recommended limits.

C. **Manufacturer's representative** shall be available to advise applicator on proper application techniques and procedures.

D. **Job Mock-Up:** Minimum 50 sq. ft. application of each specified coating system on each type of substrate.
   1. Mock-ups shall serve as the standard for acceptance of the work.
   2. Leave approved mock-ups in place as part of the completed work.

1.5 DELIVERY, STORAGE, AND HANDLING

A. **Delivery:** Deliver materials to the job site in the manufacturer's original, new, unopened containers bearing manufacturer's name and label, and the following information:
   1. Name or title of material.
   2. Product description (generic classification or binder type).
   3. Manufacturer's name, stock number and date of manufacture.
   4. Contents by volume, for major pigment and vehicle constituents.
   5. Thinning instructions.
   6. Application instructions.
   7. Color name and number.
   8. Handling instructions and precautions.

B. **Storage:** Store materials in a well-ventilated and protected area at a temperature between 35 deg F and 110 deg F.

1.6 PROJECT CONDITIONS

A. **Air and Surface Temperatures:** Apply coatings only when the air and surface temperatures are not below 50 deg F or above 120 deg F.

B. **Relative Humidity:** Apply coatings only when relative humidity is not above 85 percent and the surface temperature is at least 5 deg F above the dew point.
   1. Allow wet surfaces to dry thoroughly and attain the temperature and conditions specified before proceeding with or continuing the coating operation.

C. **Protection:** Protect all surface not to be coated.

1.7 SURFACES NOT TO BE COATED

A. **Surfaces not to be coated** include but is not limited to the following:

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1. Face brick.
2. Pre-finished wall panels, partitions, and ceiling tile.
3. Items with factory-applied final finish.
4. Concealed ducts, pipes, and conduit.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. **Acceptable Manufacturers:** For the purpose of establishing the minimum functional, aesthetic, and quality standards, special coating systems are based on products as manufactured by the TNEMEC COMPANY, INC.

B. **Substitutions:** After compliance with the requirements of this Section, products of the following manufacturers are acceptable for use on this Project:
   1. AMERON, PROTECTIVE COATINGS DIVISION.
   2. CARBOLINE COMPANY.

2.2 SPECIAL COATING MATERIALS, GENERAL

A. **Material Compatibility:** Provide block fillers, primers, finish coat material, and related materials that are compatible with one another and the substrates indicated under conditions of service and application as demonstrated by the manufacturer based on testing and field experience.

B. **Material Quality:** Provide the highest grade of the various coatings as regularly manufactured by acceptable coating manufacturers. Materials not displaying manufacturer's identification as a best-grade product will not be acceptable.
   1. Proprietary Names: Use of manufacturer's proprietary product names to designate colors or materials are not intended to imply that products named are required to be used to the exclusion of equivalent products of other manufacturers. Furnish the manufacturer's material data and certificates of performance for proposed substitutions.

C. **Colors:** Provide color selections made by the Architect from the manufacturer's full range of standard colors.

2.3 SPECIAL COATING MATERIALS

A. **Special Coating Materials:** Refer to Schedules at the end of this Section for specific applications of the following materials:
   1. Series 90-97, Tneme-Zinc.
   2. Series 161 Tneme Fascure.
   3. Series 4 Versare Primer
   4. Series 69-color High-Build Epoxoline II
   5. Series 130-6602 Envirofill.
   6. Series 74-color, Endura-Shield.
   7. Series 113-color, H-B Tneme-Tufcoat.
   8. Series 70-color, Endura-Shield.
   9. Series 76-color, Endura-Clear
   10. Series 156, Enviro-Clear.

2.4 MATERIAL PREPARATION

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A. **Mixing:** Mix and thin materials according to manufacturer's latest printed instructions.

B. **Shelf Life:** Do not use materials beyond manufacturer's recommended shelf life.

C. **Pot Life:** Do not use mixed materials beyond manufacturer's recommended pot life.

PART 3 - EXECUTION

3.1 EXAMINATION

A. **Examination:** Examine surfaces to be coated and report conditions that would adversely affect appearance or performance of coating systems and which cannot be put into an acceptable condition by preparatory work specified in Paragraph 3.2 of this Section.

B. **Acceptance:** Do not proceed with surface preparation and application until surface is acceptable or authorization to proceed is given by Architect.

3.2 SURFACE PREPARATION

A. **General:**
1. Dislodge dirt, rust, plaster nibs, mortar spatter and other dry material by scraping or brushing. Remove dust and loose material by brushing, sweeping, vacuuming or blowing with high-pressure air.
2. Remove oil, wax and grease by scraping off heavy deposits and cleaning with mineral spirits or a hot trisodium phosphate solution followed by a water rinse.
3. Verify that surfaces to be coated are dry, clean and free of dust, dirt, oil, wax, grease or other contaminants.

B. **Concrete, Masonry:**
1. Allow new concrete and masonry to cure 28 days.
2. Scrape and grind fins and protrusions flush with surface.
3. Patch holes and cracks flush with surface.
4. Rake mortar joints clean.
5. Remove form release oils.

C. **Ferrous Metal:**
1. Remove loose rust, mill scale and other foreign matter by hand (SSPC SP2) or power tool (SSPC SP3) cleaning and apply specified coating before rusting occurs.

D. **Galvanized Metal:**
1. Remove contaminants and protective mill coating by SSPC SP1 Solvent Cleaning or steam cleaning.
2. Remove insoluble contaminants and scarify surface by Hand Tool Cleaning per SSPC SP2 or SSPC SP3.

3.3 APPLICATION

A. **Film Thickness:** Apply materials at specified film thickness by method recommended by manufacturer.

B. **First Coat:** First coat for porous masonry surfaces, concrete and dense masonry shall be applied by suitable method to completely fill voids and surface irregularities.

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C. **Recoating:** Allow each coat to dry thoroughly before recoating. Follow manufacturer's recommended recoat time.

D. **Adjoining Work:** Cut edges clean and sharp where work joins other materials or colors.

E. **Finish Coats:** Make finish coats smooth, uniform in color, and free of brush marks, laps, runs, dry spray, overspray and skipped or missed areas.

3.4 FIELD QUALITY CONTROL

A. **Testing:** The Owner reserves the right to invoke the following test procedure at any time and as often as the Owner deems necessary during coating operations:

1. The Owner will engage the services of an independent testing agency to sample the coating being used. Samples of material delivered to the Project site will be taken, identified, sealed, and certified in the presence of the Contractor.
2. The testing agency will perform appropriate tests for the following characteristics as required by the Owner:
   a. Quantitative materials analysis.
   b. Absorption.
   c. Accelerated weathering.
   d. Accelerated yellowness.
   e. Color retention.
   f. Alkali and mildew resistance.
   g. Abrasion resistance.
   h. Apparent reflectivity.
   i. Washability.
   j. Dry Opacity.
   k. Recoating.
   l. Skinning.
3. If results show materials being used do not comply with requirements, the Contractor may be directed to stop work and remove noncomplying materials, pay for testing, recoat surfaces coated with rejected materials, or remove rejected materials from previously coated surfaces if, upon recoating with specified materials, the two coatings are not compatible.

B. **Acceptance:** Request acceptance of each coat before applying succeeding coats.

1. Repair and touch-up all work that is not acceptable to Architect and request final acceptance.

3.5 CLEANING

A. **Cleanup:** At the end of each work day, remove empty cans, rags, rubbish, and other discarded materials from the site.

1. After completing work, clean glass and spattered surfaces. Remove spattered coatings by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
2. Remove masking and protective covering, including adhesive residue.
3. Leave factory finish surfaces clean and free of paint.

3.6 PROTECTION

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A. **Protection:** Protect work of other trades, whether being coated or not, against damage from coating operation. Correct damage by cleaning, repairing, replacing, and recoating, as acceptable to Architect.

B. **Fresh Coatings:** Provide "Wet Paint" signs to protect newly coated finishes. Remove temporary protective wrappings provided by others to protect their work after completing coating operations.

C. **Touch-Up:** At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces.

3.7 EXTERIOR COATING SCHEDULE

A. **Ferrous Metal (Structural Steel at exterior):**
1. System: Aliphatic acrylic polyurethane. Two coats over primer with total dry film thickness not less than 9 mils.
2. Surface Preparation: SSPC-SP6 Commercial Blast Clean.
   a. 1st coat: **TNEMEC " Series 66 H.B. Epoxoline "**
   b. 2nd coat: **TNEMEC " Series 66 H.B. Epoxoline "**
   c. 3rd coat: **TNEMEC " Series 1077-Enduralume,"** color as selected by Architect from manufacturer's full range.

B. **Galvanized Steel (Underside of exposed canopy deck, exterior handrails, metal doors and frames, overhead coiling door):**
1. System: Aliphatic acrylic polyurethane. Two coats over primer with total dry film thickness not less than 9 mils.
2. Surface Preparation: SSPC-SP7 Brush Blast Clean with fine abrasive.
   a. 1st coat: **TNEMEC " Series 66 H.B. Epoxoline "**
   b. 2nd coat: **TNEMEC " Series 66 H.B. Epoxoline "**
   c. 3rd coat: **TNEMEC " Series 1077-Enduralume,"** color as selected by Architect from manufacturer's full range.

3.8 INTERIOR COATING SCHEDULE

A. **Ferrous Metal (Structural Steel at interior two story entrance lobby):**
1. System: Aliphatic acrylic polyurethane. Two coats over primer with total dry film thickness not less than 9 mils.
2. Surface Preparation: SSPC-SP6 Commercial Blast Clean.
   a. 1st coat: **TNEMEC " Series 66 H.B. Epoxoline "**
   b. 2nd coat: **TNEMEC " Series 66 H.B. Epoxoline "**
   c. 3rd coat: **TNEMEC " Series 1077-Enduralume,"** color as selected by Architect from manufacturer's full range.

END OF SECTION

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