

City of
SHELBYVILLE
Tennessee

April 16, 2020

REQUEST FOR PROPOSALS

The City of Shelbyville is requesting proposals for **ONSITE PAINTING OF AVIATION FUEL TANKS AT SHELBYVILLE MUNICIPAL AIRPORT.**

Proposals will be accepted until 1:30 p.m., April 30, 2020 at the Purchasing Department, City Hall, 201 N. Spring St., Shelbyville, TN 37160. Proposals may be mailed to P.O. Box 185, Shelbyville, TN 37162 if desired, but the responsibility of meeting the 1:30 p.m., April 30, 2020 deadline is the obligation of the sender. Proposals should be submitted in sealed envelopes marked "**ONSITE PAINTING OF AVIATION FUEL TANKS AT SHELBYVILLE MUNICIPAL AIRPORT**". Any proposals received after the scheduled closing time for receipt of proposals will be returned to the bidder unopened.

****Due to the COVID-19 pandemic, bids will be received by mail and at the drive-thru window at City Hall ONLY. The drive-thru window may be accessed during normal business hours, Monday - Friday, 8:00 am - 4:00 pm.****

Proposals will be opened at public meeting of council appointed bid committee on Thursday, April 30, 2020 at 2:00 p.m. in the Meeting Room of the Shelbyville Recreation Center, 220 Tulip Tree Road, Shelbyville, TN. Award of the proposal will be made at the next scheduled City Council meeting to be held at the Shelbyville Recreation Center. (May 14, 2020)

****Due to the COVID-19 pandemic, social distancing practices will be exercised at the public meeting of the bid committee and the City Council business meetings.****

MINIMUM SPECIFICATIONS:

On-site painting of two (2) aviation fuel tanks, both 12,000-gallon tanks. Tanks will contain fuel.

Stairs and catwalk attached to tanks will also be painted.

Painting by spray application

Paint specification attached - Durethane DTM / 95-3300 Series or equal.

Color - white

Dustless blasting only - due to the tanks containing aviation fuel.

Decal removal and placement of new decals

Prepping all surfaces

Covering all unpainted areas

Successful bidder will practice all safety and OSHA requirements for the painting of aviation fuel tanks

Hazardous waste disposal, painting and clean-up of area to pre-paint condition

Project to be completed by June 23, 2020.

Shelbyville Municipal Airport personnel will be responsible for all vehicles and equipment being removed or moved to a safe distance to ensure no overspray.

Proposal is to include all materials and labor necessary to complete project as described.

Quality product and workmanship with professional appearance required.

Site survey highly recommended to understand the parameters of this project. Bidders may contact Airport Manager Paul Perry, 931-684-1669 to schedule appointment.

SUBMITTED PROPOSAL SHALL INCLUDE:

- Type of paint proposed (please give detail)
- Blasting procedure proposed (please give detail)
- Any variations to minimum specifications listed above
- Provide proof of:
 - commercial liability insurance
 - workers compensation insurance
 - current business license
- Clearly specify warranty
- PROVIDE A LIST OF REFERENCES
(in Middle Tennessee if possible)

Successful bidder must confirm schedule with Airport Manager prior to beginning the project

Minimal amount of down time for Airport is a necessity

Project must be completed to the satisfaction of the Airport Manager before final payment will be made.

Vendor selection will be based upon the best offer deemed acceptable by the City of Shelbyville's council appointed Bid Committee and City Council. Proposal to all or part of the RFP indicates a willingness to supply part or all of the proposal.

The City of Shelbyville reserves the right to reject any and all proposals. A current business license must be furnished upon request.

All Bidders must comply with A.D.A. guidelines if required.

All Bidders must be in compliance with Title VI, Civil Rights Act of 1964, which specifies that: No person in the United States shall, on the grounds of race, color or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under a program or activity receiving federal financial assistance from the Department of

Transportation or the U.S. Department of Justice.

Failure on the part of the bidder to comply with all instructions herein may result in bid rejection.

The City of Shelbyville is subject to the Open Records Act, TCA 10-7-501, et. Seq. Bidders are advised that all documents submitted on behalf of this invitation to bid shall be open to the public for viewing and inspection.

The City of Shelbyville will fulfill Public Records Requests in compliance with Tennessee Open Records Act.

Lori Saddler
Purchasing/IT Director

DURETHANE™ DTM | 95-3300 SERIES

DESCRIPTION

Two-component, DTM urethane mastic

PRINCIPAL CHARACTERISTICS

- Direct-to-metal application, including tightly adhering rust
- Low VOC
- Excellent color and gloss retention
- Easy to apply by spray, roller and brush
- Infinite color capability
- Meets SSPC Paint 36 Level 3
- Contains no organic HAPs

COLOR AND GLOSS LEVEL

- Standard Color Offering, Safety Colors, Custom Colors
- Gloss

BASIC DATA AT 68°F (20°C)

Data for mixed product	
Number of components	Two
Volume solids	65 ± 2%
VOC (Supplied)	max. 2.0 lb/US gal (approx. 241 g/l)
Recommended dry film thickness	3.0 - 5.0 mils (75 - 125 µm) depending on system
Theoretical spreading rate	348 ft ² /US gal for 3.0 mils (8.7 m ² /l for 75 µm)
Shelf life	Base: at least 36 months when stored cool and dry Hardener: at least 36 months when stored cool and dry

Notes:

- See ADDITIONAL DATA – Overcoating Intervals
- See ADDITIONAL DATA – Curing time
- Certain colors may be offered for specifications which require 4.0 – 6.0 mils (100 – 150 µm) dry film thickness. Please contact your PPG representative for details

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is proportional to the degree of surface preparation. Refer to the application instructions for specific primers and intermediate coats for application and curing procedures. Ensure epoxies are free from amine blush prior to overcoating. All previous coats must dry and free of contaminants. Adhere to all minimum and maximum topcoat times for specific primers and intermediate coats. Aged epoxy coatings require abrading prior to applying the product. A test patch over unknown coatings is recommended.



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Steel

- Remove weld spatter, protrusions, and laminations in steel
 - Remove all surface contaminants, oil and grease in accordance with SSPC SP-1
 - Abrasive blast with an angular abrasive to an SSPC SP-6 or SP-10 cleanliness for optimum performance. Achieve a surface profile of 1.5 – 3.0 mils (38 – 75 µm)
 - For maintenance and repair in atmospheric service, the product can be applied over surfaces prepared in accordance with SSPC SP-2 or SSPC SP-3 (hand and power tool cleaning).
 - Apply an epoxy or zinc rich primer for aggressive service environments
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Concrete

- Remove all surface contaminants such as oil, grease, and embedded chemicals
 - Abrade the surface per ASTM D4259 to remove all chalk and surface glaze or laitance
 - Use a suitable epoxy to prime the concrete. Refer to primer data sheet for further surface preparation details
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Non-ferrous metals

- Lightly abrasive blast or mechanically abrade in accordance with SSPC SP-16 to achieve a uniform and dense 1.5 – 4.0 mil anchor profile
 - Apply an epoxy primer for aggressive environments
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Stainless steel

- Abrasive blast with a hard angular abrasive to achieve a uniform and dense anchor profile of 1.5 – 3.0 mils (38 – 75 µm)
 - Apply an epoxy primer for aggressive environments
-

Aged coatings and repairs

- Ensure the coating system is sound and well adhered
 - Do not apply over acrylic coatings or coatings that exhibit poor solvent resistance
 - A test patch is recommended to determine compatibility and adhesion
 - Sweep blast or otherwise thoroughly abrade the existing coating in accordance with SSPC SP-7
 - Alternately, PREP 88 may be used to prepare some existing coatings. Please refer to PREP 88 data sheet for details
 - Feather the edges of tightly adhered, intact coatings at the perimeter of repair areas
 - Power tool clean the existing steel in accordance with SSPC SP-3 (atmospheric service)
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Substrate temperature and application conditions

- Surface temperature during application should be between 40°F (4°C) and 130°F (54°C)
 - Surface temperature during application should be at least 5°F (3°C) above dew point
 - Ambient temperature during application and curing should be between 40°F (4°C) and 100°F (38°C)
 - Relative humidity during application and curing should not exceed 85%
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Warning

Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSH approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

INSTRUCTIONS FOR USE

Mixing ratio by volume: base to hardener 83:17

- Pre-mix pigmented components with a pneumatic air mixer at moderate speeds to homogenize the container. Add hardener to base and agitate with a power mixer for 1-2 minutes until completely dispersed
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Pot life

3 hours at 70°F (21°C)

Note: See ADDITIONAL DATA – Pot life

Application

- Area should be sheltered from airborne particulates and pollutants
- Ensure good ventilation during application and curing
- Provide shelter to prevent wind from affecting spray patterns
- Protect from moisture until dry through time is reached

Material temperature

Material temperature during application should be between 40°F (4°C) and 90°F (32°C)

Air spray

- A moisture and oil trap in the main line is essential. Product is sensitive to moisture contamination

Volume of thinner

0 - 10%

Nozzle orifice

Approx. 0.070 in (1.8 mm)



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Airless spray

- 28:1 pump or larger

Volume of thinner

0 - 10%

Nozzle orifice

0.013 – 0.015 in (approx. 0.33 – 0.38 mm)

Nozzle pressure

10.3 - 17.2 MPa (approx. 104 - 173 bar; 1500 - 2500 p.s.i.)

Brush/roller

- Use a high quality natural bristle brush and/or solvent resistant, 1/4" or 3/8" nap roller. Ensure brush/roller is well loaded to avoid air entrainment. Multiple coats may be necessary to achieve adequate film-build
- AMERCOAT 851 flow control additive can be used to for enhanced flow and leveling with brush and roll application

Recommended thinner

PPG THINNER 21-85 (97-739) (to maintain less than 250 g/L), PPG THINNER 50-48 (97-735) (normal brush, roll, or spray), PPG THINNER 91-30 (97-730) or PPG THINNER 21-06 (97-727) (spray), PPG THINNER 91-31 (97-734) (brush and roll); use PPG THINNER 50-63 (97-736) with PPG THINNER 50-48 (97-735) for increased conductivity

Volume of thinner

0 – 5%

Cleaning solvent

PPG THINNER 90-58 (AMERCOAT 12 CLEANER)

ADDITIONAL DATA

Overcoating Interval with 97-722 accelerator for DFT up to 3.0 mils (75 µm)					
Overcoating with...	Interval	40°F (4°C)	50°F (10°C)	70°F (21°C)	90°F (32°C)
Itself	Minimum	4 hours	2 hours	1 hour	less than 1 hour
	Maximum	Unlimited	Unlimited	Unlimited	Unlimited

Overcoating Interval for DFT up to 3.0 mils (75 µm)				
Overcoating with...	Interval	50°F (10°C)	70°F (21°C)	90°F (32°C)
Itself	Minimum	18 hours	9 hours	4 hours
	Maximum	Unlimited	Unlimited	Unlimited



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Curling time for DFT up to 3.0 mils (75 µm)		
Substrate temperature	Dry to touch	Dry to handle
50°F (10°C)	3 hours	18 hours
70°F (21°C)	2 hours	9 hours
90°F (32°C)	1 hour	4 hours

Curling time with 97-722 accelerator for DFT up to 3.0 mils (75 µm)		
Substrate temperature	Dry to touch	Dry to handle
40°F (4°C)	1 hour	4 hours
50°F (10°C)	less than 1 hour	2 hours
70°F (21°C)	less than 1 hour	1 hour
90°F (32°C)	15 minutes	less than 1 hour

Pot life (at application viscosity)	
Mixed product temperature	Pot life
50°F (10°C)	5 hours
70°F (21°C)	3 hours
90°F (32°C)	1.5 hours

Pot life (at application viscosity): with 97-722 accelerator	
Mixed product temperature	Pot life
50°F (10°C)	1.5 hours
70°F (21°C)	1 hour
90°F (32°C)	30 minutes

Product Qualifications

- SSPC Paint 36 Level 3 Performance

DISCLAIMER

- For industrial or professional use only

SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor, as well as contact between the wet paint and exposed skin or eyes



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Danger

Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- CONVERSION TABLES INFORMATION SHEET 1410
- EXPLANATION TO PRODUCT DATA SHEETS INFORMATION SHEET 1411
- SAFETY INDICATIONS INFORMATION SHEET 1430
- SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD - TOXIC HAZARD INFORMATION SHEET 1431

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

LIMITATIONS OF LIABILITY

IN NO EVENT WILL PPG BE LIABLE UNDER ANY THEORY OF RECOVERY (WHETHER BASED ON NEGLIGENCE OF ANY KIND, STRICT LIABILITY OR TORT) FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO, ARISING FROM, OR RESULTING FROM ANY USE MADE OF THE PRODUCT. The information in this sheet is intended for guidance only and is based upon laboratory tests that PPG believes to be reliable. PPG may modify the information contained herein at any time as a result of practical experience and continuous product development. All recommendations or suggestions relating to the use of the PPG product, whether in technical documentation, or in response to a specific inquiry, or otherwise, are based on data, which to the best of PPG's knowledge, is reliable. The product and related information is designed for users having the requisite knowledge and industrial skills in the industry and it is the end-user's responsibility to determine the suitability of the product for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. PPG has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Therefore, PPG does not accept any liability arising from any loss, injury or damage resulting from such use or the contents of this information (unless there are written agreements stating otherwise). Variations in the application environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. This sheet supersedes all previous versions and it is the Buyer's responsibility to ensure that this information is current prior to using the product. Current sheets for all PPG Protective & Marine Coatings Products are maintained at www.ppgmc.com. The English text of this sheet shall prevail over any translation thereof.

AVAILABILITY

Packaging

1-gallon and 5-gallon kits



DURETHANE™ DTM | 95-3300 SERIES

Product codes	Description
95-3300	Neutral base*
95-3301	White base*
95-3302	Yellow base*
95-3303	Red base*
95-3314	Black**
95-339	Hardener

Notes:

- * Tintable with PERFORMACOLOR 4257-line tints
- ** Do not tint

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