

## INVITATION FOR BIDS

Separate sealed Bids for the **McCoy Water Supply Corporation (McCoy WSC) WATER STORAGE TANK PAINTING PROJECT** will be received by and at the office of the General Manager, 2125 FM 541, McCoy, Texas 78113 until **5:00 PM, Tuesday, October 6, 2015** and then opened in the McCoy Water Supply Corporation office at **2:00 p.m., Wednesday, October 7, 2015**. The selection is scheduled for presentation to the McCoy Water Supply Corporation Board of Directors at their October 2015 regularly scheduled meeting.

Project consists of, but is not limited to the following:

- Paint the exterior of one 140,000 gallon Standpipe located approximately 7 miles southeast of Jourdanton, TX
- Paint the interior of two Ground Storage Tanks (142,000 gallons and 126,000 gallons) located in Leming, TX
- Paint the interior and exterior of one 2,500 gallon Pressure Tank located approximately 15 miles north of Pleasanton, TX.

An optional tour of the three plants will be conducted on **Tuesday, September 21, 2015, at 10:00 AM**. Specifics, including the initial meeting place, will be made available to those who indicated their interest in attending this tour in Atascosa County, Texas by **Friday, September 4, 2015**.

Pictures from the 2014 McCoy Water Supply Corporation Tank Inspection will be posted on [www.mccoywsc.com](http://www.mccoywsc.com) by Thursday, August 27, 2015.

Questions regarding the IFB are due by **Monday, September 21, 2015, 5:00 PM**, and the answers will be posted on [www.mccoywsc.com](http://www.mccoywsc.com) by **Thursday, September 24, 2015, 5:00 PM**.

A bid bond in the amount of 5% of the bid issued by an acceptable surety registered with the U.S. Treasury shall be submitted with each bid. A certified check payable to McCoy Water Supply Corporation may be submitted in lieu of the bid bond.

The McCoy Water Supply Corporation reserves the right to reject any or all bids and to waive any informality in the bidding.

Bids may be held by the McCoy Water Supply Corporation for a period not to exceed thirty (30) days from the date of the bid opening for the purpose of reviewing the bids and investigating the Bidder's qualifications prior to the contract award.

**August 26, 2015**

**MCCOY WATER SUPPLY CORPORATION  
Gene Camargo, General Manager**

# INVITATION FOR BIDS FOR McCOY WSC POTABLE WATER TANK REPAINTING

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**BID WILL BE CONSIDERED "NON RESPONSIVE" IF REQUIREMENTS ARE NOT FULFILLED.**

# INVITATION FOR BIDS FOR McCoy WSC POTABLE WATER TANK REPAINTING

## SCOPE & INTENT

McCoy Water Supply Corporation (McCoy WSC) is accepting sealed bids for refinishing of one (1) ground storage tank; two (2) ground storage tanks; and one (1) pressure tank for potable water as detailed below. All questions shall be directed to Gene Camargo, General Manager, via email at [gcamargo@mccoywsc.com](mailto:gcamargo@mccoywsc.com).

## SCOPE

- Paint the exterior of one Standpipe (140,000 gallons @ 15.5' Ø, 100' high) located approximately 7 miles southeast of Jourdanton, TX (Plant 1)
- Paint the interior of two Ground Storage Tanks (142,000 gallons @ 31.8' Ø X 24' high and 126,000 gallons @ 30' Ø X 24' high) located in Leming, TX (Plant 5)
- Paint the interior and exterior of one Pressure Tank (2,500 gallons @ 6' Ø X 11' long) located approximately 15 miles north of Pleasanton, TX (Plant 7)

## INTENT

The purpose of these specifications is to ensure the provision of material and workmanship necessary to produce a quality coating system for the existing potable water tanks identified in the Scope. All painting work shall be implemented in strict accordance with the manufacturer's instructions and shall be performed in a manner satisfactory to McCoy WSC.

## GENERAL INSTRUCTIONS

### QUALITY OF PAINT

The paint products mentioned in the following specifications are set up as standards of quality. The standard "or equal" clause shall apply. No substitution will be considered unless a written request for approval has been received by McCoy WSC at least 10 days prior to the date for receipt of bids. Each such request shall include the name of the specified material for which a substitute is being requested; the name of the proposed substitute material; and a complete description of the proposed substitute including performance and test data and any other information necessary for an evaluation. The burden of proof of the merit of the proposed substitute is upon the proposer. The decision of McCoy WSC regarding approval or disapproval of the proposed substitution shall be final.

All material shall be brought to the job site in the original sealed and labeled containers of the paint manufacturer and shall be subject to inspection by McCoy WSC. Colors, where not specified, shall be selected by McCoy WSC.

The Contractor shall submit to McCoy WSC, immediately upon completion of the job, certification from the paint manufacturer indicating that the quantity of each coating purchased was sufficient to coat all surfaces in accordance with the specifications and manufacturer's recommendations.

### PREPARATIONS

The roof vent, safety climbing devices, and any other non-painted items shall be removed prior to cleaning and painting.

### APPLICATION OF PAINT

The Contractor shall apply each coating in accordance with these specifications and the paint manufacturer's recommendations. The coating shall be applied at the specified thickness. If the

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specified thickness is not obtained, an additional coat(s) of paint shall be applied.

All paint shall be applied in strict accordance with the applicable manufacturer's printed data sheet and container label outlining recommended minimum and maximum surface and air temperatures required for application. Paint shall not be applied to wet or damp surfaces and shall not be applied in rain, snow, fog or mist, or when the relative humidity exceeds 85%.

No paint shall be applied when it is expected that the relative humidity will exceed 85% and/or the air temperature will drop below recommended levels within 12 hours after paint application. Dew or moisture condensation should be anticipated, and if such conditions are prevalent, painting shall be delayed until certain that the surfaces are dry. Painting should be completed well in advance of the probable time of day when condensation will occur in order to permit the film an appropriate drying time prior to the formation of moisture on the surface.

## DRY FILM THICKNESS

Dry film thickness shall be measured in accordance with current SSPC PA2, "Dry Paint Thickness with Magnetic Gauges".

## CONTAINMENT / DISPOSAL REQUIREMENTS

Existing paint systems containing lead and / or other heavy metals may require compliance with certain environmental safety and health regulations during surface procedures. Always reference applicable federal, state and local regulations prior to proceeding.

When required by federal, state or local regulation, the entire tank and structure shall be enclosed and surface preparation debris contained. Refer to SSPC-GUIDE 6 (CON), "Guide for Containing Debris Generated During Paint Removal Operations".

Refer to SSPC-GUIDE 7 (DIS). NOTE: All surface preparation debris must be disposed of in accordance with applicable federal, state and local regulations.

McCoy WSC is the generator of and is responsible for the proper containment and disposal of all waste resulting from the surface preparation of these tanks. As part of this contract, the Contractor shall arrange and pay for all containment, tests, permits, transportation and disposal of all waste resulting from the surface preparation of this tank(s) in strict accordance with Texas Commission on Environmental Quality (TCEQ). Copies of all documentation required by TCEQ regulations shall be submitted to McCoy WSC for verification prior to the submission of the Contractor's request for final payment.

The painting Contractor shall cut and grind flush all exterior containment structure lugs and prepare and paint areas as described in the exterior painting section of these specifications.

Upon removal of the exterior lugs, the painting Contractor shall also repair any damaged interior coating by methods described in the interior painting section of these specifications. Abrasive blasting to bare metal (SSPC-SP10) will be required in the damaged areas.

## DISINFECTION AND FILLING OF THE TANK

Adequate ventilation that will effectively remove solvent vapors shall be provided for proper drying of paint on interior surfaces. Following final coat application, the tank shall not be disinfected or filled until the coating system is fully cured. Refer to applicable product data sheet(s) for dry time / temperature requirements. Disinfection shall be done in accordance with the current American Water Works Association standard, AWWA C652, or as instructed by McCoy WSC.

All work shall be implemented in accordance with the American Water Works Association's Standard D102-011.

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## NSF CERTIFICATION

All coatings in contact with potable water or applied to the inside wet area of the tank shall be listed by NSF International or UL under ANSI/NSF Standard 61, Section 5, Protective (Barrier) Materials, Potable Water Tank Coatings.

## FIRST ANNIVERSARY INSPECTION

Approximately 11 months after the completion of the work, the Contractor and McCoy WSC and or McCoy WSC's representative shall inspect the inside and outside surfaces of the tank, in accordance with Section 5.2 of AWWA Standard D102 to determine whether any repair work is necessary.

## GUARANTEE

The bid shall be construed to contain a guarantee for a minimum of one (1) year for all materials and workmanship.

Any work proving defective within one year for the date of acceptance shall be redone without additional expense to McCoy WSC for labor or materials.

## REFERENCES

This solicitation requires references. Bidder shall submit with the bid:

A list of three each (minimum) tanks of like size (standpipe, ground storage tank and pressure tank) completed by the Bidder within the last five (5) years in the State of Texas. The list shall include:

1. Entity name
2. Mailing Address
3. Contact name and title
4. Phone number
5. Email address
6. Painting requirements
7. Date work completed

McCoy WSC may utilize other available information in gaining a comprehensive overview of the Bidder's qualifications and record of performance.

## CERTIFICATIONS

List any memberships and certifications relevant to this IFB, including but not limited to the Society for Protective Coatings (SSPC); NACE (National Association of Corrosion Engineers) International; and the American Water Works Association (AWWA).

## PRODUCTS AND SPECIFICATIONS

### FLEXIBLE SEALANT

Flexible sealant shall be Sikaflex-1A or approved equal. Sealant color shall be white for all interior applications.

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## ABRASIVES

Abrasives used for blast cleaning shall be those mentioned in the specifications of the SSPC. Particular attention shall be given to the maximum particle size requirements. Abrasives must be selected to provide the recommended surface profile and degree of cleanliness required.

## PAINT SYSTEMS

Coatings shall comply with ANSI/NSF Standard 61. The approval of interior coatings and sealers shall be based on written certification of compliance. Manufacturer's published data shall be submitted concerning transportation, storage, mixing, thinning, pot life, application, curing etc.

Contractor shall furnish one of the alternate proprietary systems EQUAL TO the TNE MEC Company, Inc. systems specified herein. All coatings shall be supplied by one coating manufacturer. Approved coating manufacturers are listed as follows:

- a. Tnemec Co., Inc., 6800 Corporate Drive, Kansas City, MO 64120.
- b. Sherwin-Williams Corporation, 101 Prospect Avenue, N.W., Cleveland, Ohio, 44115.

The coating systems listed below are proprietary to TNE MEC Company, Inc. and Sherwin-Williams Corporation. All coatings and thinners must be supplied by one manufacturer, including shop coating. All paint must be new and purchased for each project.

## INTERIOR WET AREAS

Interior wet surfaces are any surfaces exposed to stored water or its vapor. Interior wet areas shall be coated with a three-coat high-build zinc-epoxy-epoxy system, NSF Standard 61 approved for use in potable water. The minimum dry film thickness of the interior coating system shall be 10.5 Mils. Manufacturers' recommended curing times and recoat windows between each coat must be strictly adhered to.

Three-coat high-build zinc-epoxy-epoxy system manufactured by **Tnemec Company, Inc.**

- a. (full) Primer Coat – Tnemec Series 91-H<sub>2</sub>O or 94-H<sub>2</sub>O Hydro-Zinc applied at 2.5 – 3.5 Mils DFT.
- b. Pit Filler – All designated pits shall be filled with Tnemec Pit Filler. Follow Tnemec recommendations for application methods/procedures. Payment for this item shall be based on unit pricing provided by the Contractor in the bid.
- c. Stripe Coat – All vertical/horizontal seams, ceiling overlapping plate edge, ceiling support beams, support columns, ceiling to shell joint, nuts, bolts, ladders, pits, and all other irregular surfaces shall receive one (1) coat of Tnemec Series N140-1255 (Beige) applied to a dry film thickness of 2.0 – 3.0 Mils DFT. Application shall be spray and back brush and/or rolled. Applied coating shall not be recoated until minimum recoating time has been satisfied as per manufacturer's recommendations.
- d. (full) Intermediate Coat – Tnemec Series N140-1255 (Beige) Pota-Pox applied at 4.0 – 6.0 Mils DFT.
- e. (full) Finish Coat – Tnemec Series N140-15BL (Tank White) applied at 4.0 – 6.0 Mils DFT.

**Total DFT = 10.5 – 15.5 Mils**

Three-coat high-build zinc-epoxy-epoxy system manufactured by **Sherwin Williams Corporation.**

- a. (full) Primer Coat – Corothane I Galvapac Two-Pack Zinc-rich Primer B65 Series applied at 2.5 – 3.5 Mils DFT.

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- b. Pit Filler – All designated pits shall be filled with Sherwin Williams Steel Seam FT-910. Follow Sherwin-Williams's recommendations for application methods/procedures. Payment for this item shall be based on unit pricing provided by the Contractor in the bid.
- c. Stripe Coat – All vertical/horizontal seams, ceiling overlapping plate edge, ceiling support beams, support columns, ceiling to shell joint, nuts, bolts, ladders, pits, and all other irregular surfaces shall receive one (1) coat of Macropoxy 646 PW, B58 Series (Light Blue/Mill White) applied to a dry film thickness of 2.0 – 3.0 Mils DFT. Application shall be spray and back brush and/or rolled. Applied coating shall not be recoated until minimum recoating time has been satisfied as per manufacturer's recommendations.
- d. (full) Intermediate Coat – Macropoxy 646 PW, B58 Series (Light Blue/Mill White) applied at of 4.0 – 6.0 Mils DFT.
- e. (full) Finish Coat – Macropoxy 646 PW, B58 Series (Mill White) applied to a dry film thickness of 4.0 – 6.0 Mils DFT.

**Total DFT = 10.5 – 15.5 Mils**

### **EXTERIOR SURFACES**

Exterior surfaces are all surfaces exposed to the weather. Exterior surfaces shall be coated with a three coat high-build zinc-epoxy-polyurethane system. The minimum dry film thickness of the exterior coating system shall be 7.0 Mils. Manufacturers' recommended curing times and recoat windows between each coat shall be strictly adhered to.

Three-coat high-build zinc-epoxy-polyurethane system manufactured by **Tnemec Company, Inc.:**

- a. (full) Primer Coat – Tnemec Series 90-97 Tnemec-Zinc applied at 2.5 – 3.5 Mils DFT.
- b. (full) Intermediate Coat – Tnemec Series N69 Epoxyline II applied at 2.5 – 3.5 Mils DFT. Color shall contrast with Primer and Finish Coat colors. The color of this coat of paint shall closely match that of the one (1) finish coat, but be a little darker.
- c. (full) Finish Coat – Tnemec Series 1074 (U) Endura Shield (high gloss) applied at 2.0 – 3.0 Mils DFT (Color to be selected by McCoy WSC).

**Total DFT = 7.0 – 10.0 Mils**

Three-coat high-build zinc-epoxy-polyurethane system manufactured by **Sherwin-Williams Corporation.**

- a. (full) Primer Coat – Corothane I Galvapak Two-Pack Zinc-rich Primer B65 Series applied at 2.5 – 3.5 Mils DFT.
- b. (full) Intermediate Coat – Macropoxy 646, B58 Series applied at 2.5 – 3.5 Mils DFT. Color shall contrast with primer and finish coat colors. The color of this coat of paint shall closely match that of the one (1) finish coat, but a little darker.
- c. (full) Finish Coat – Hi-Solids Polyurethane B65 Series applied at 2.0 – 3.0 Mils DFT (Color to be selected by McCoy WSC).

**Total DFT = 7.0 – 10.0 Mils**

### **TOP COATING**

This coating requirement is for an alternate exterior cleaning and top coating in lieu of the complete blast cleaning and coating. Top coating only covers existing tank surfaces.

This coating system should only be considered in rare cases. If this system is under consideration, the Contractor shall review the existing coating condition of the tank exterior coatings and confirm that

**BID WILL BE CONSIDERED "NON RESPONSIVE" IF REQUIREMENTS ARE NOT FULFILLED.**

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this particular coating system is an appropriate action. Otherwise, the Contractor shall recommend a suitable alternative. Manufacturers' recommended curing times and recoat windows between each coat must be strictly adhered to.

### **Tnemec Company, Inc.:**

- a. (spot) Primer Coat – Tnemec Series 135-1243 Chembuild Metallic Aluminum applied at 3.0 – 5.0 Mils DFT.
- b. (full) Intermediate Coat – Tnemec Series 27 Typoxy applied at 2.0 – 3.0 Mils DFT. Color of this coat of paint shall be slightly darker than the finish coat.
- c. (full) Finish Coat – Tnemec Series 1075 Endura Shield II (semi gloss) applied at 2.0 – 3.0 Mils DFT. (Color to be selected by McCoy WSC).

**Total DFT = 7.0 – 11.0 Mils**

### **Sherwin Williams Corporation:**

- a. (spot) Primer Coat – Macropoxy 646, B58 Series, applied at 3.0-5.0 Mils DFT.
- b. (full) Intermediate Coat – Macropoxy 646, B58 Series, applied at 2.0-3.0 Mils DFT. Color of this coat of paint shall be slightly darker than the finish coat.
- c. (full) Finish Coat – HiSolids Polyurethane SG, B65 Series, applied at 2.0-3.0 Mils DFT. (Color to be selected by McCoy WSC).

**Total DFT = 7.0 – 11.0 Mils**

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# INVITATION FOR BIDS FOR McCOY WSC POTABLE WATER TANK REPAINTING

## BID PRICING PAGES AND AGREEMENT

The undersigned Bidder, pursuant to the 2015 McCoy WSC Water Storage Tank Invitation for Bids, has carefully examined the Invitation for Bids for McCoy WSC Potable Water Tank Repainting and will provide all necessary labor, superintendence, machinery, equipment, tools, materials, services and other facilities to complete fully all work as described and binds himself upon formal acceptance of his Proposal to execute a contract for the following prices, to-wit:

## BID PRICING PAGES

Refinishing of 3 Ground Storage Tanks and 1 Pressure Tank for McCoy WSC

| Item Number | Quantity | Unit     | Description and Price in Words  | Unit Price |
|-------------|----------|----------|---|------------|
| 1.          | 1        | Lump Sum | Paint the exterior of one Standpipe (140,000 gallons @ 15.5' Ø, 100' high) located approximately 7 miles southeast of Jourdanton, TX (Plant 1).   |            |
| 1A.         |          |          | Paint the exterior of one Standpipe (140,000 gallons @ 15.5' Ø, 100' high) located approximately 7 miles southeast of Jourdanton, TX (Plant 1).<br><br><i>This price is for an alternate exterior cleaning and top coating in lieu of the complete blast cleaning and coating. Top coating only covers existing tank surfaces. (Page 7)</i> |            |
| 2.          | 1        | Lump Sum | Paint the interior of one Ground Storage Tank (142,000 gallons @31.8' Ø X 24' high) located in Leming, TX (Plant 5).  |            |
| 2A.         |          |          | Paint the interior of one Ground Storage Tank (142,000 gallons @31.8' Ø X 24' high) located in Leming, TX (Plant 5).<br><br><i>This price is for an alternate exterior cleaning and top coating in lieu of the complete blast cleaning and coating. Top coating only covers existing tank surfaces. (Page 7)</i>                            |            |
| 3.          | 1        | Lump Sum | Paint the interior of one Ground Storage Tank (126,000 gallons @ 30' Ø X 24' high) located in Leming, TX (Plant 5).   |            |
| 3A.         |          |          | Paint the interior of one Ground Storage Tank (126,000 gallons @ 30' Ø X 24' high) located in Leming, TX (Plant 5).<br><br><i>This price is for an alternate exterior cleaning and top coating in lieu of the complete blast cleaning and coating. Top coating only covers existing tank surfaces. (Page 7)</i>                             |            |

**BID WILL BE CONSIDERED "NON RESPONSIVE" IF REQUIREMENTS ARE NOT FULFILLED.**

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| Item Number | Quantity | Unit     | Description and Price in Words   | Unit Price |
|-------------|----------|----------|--|------------|
| 4.          | 1        | Lump Sum | Paint the interior and exterior of one Pressure Tank (2,500 gallons @ 6' Ø X 11' long) located approximately 15 miles north of Pleasanton, TX (Plant 7)  |            |
| 4A.         |          |          | Paint the interior and exterior of one Pressure Tank (2,500 gallons @ 6' Ø X 11' long) located approximately 15 miles north of Pleasanton, TX (Plant 7).<br><br><i>This price is for an alternate exterior cleaning and top coating in lieu of the complete blast cleaning and coating. Top coating only covers existing tank surfaces. (Page 7)</i> |            |

**GRAND TOTAL OF BID \$** \_\_\_\_\_

### ACKNOWLEDGEMENT OF ADDENDA

Receipt is acknowledged of the following addenda (If applicable; otherwise note "N/A"):

Addendum No. 1 \_\_\_\_\_ Addendum No. 2 \_\_\_\_\_

Addendum No. 3 \_\_\_\_\_ Addendum No. 4 \_\_\_\_\_

### AGREEMENT

Within ten (10) business days after formal acceptance of this Proposal by a Notice of Award of Contract, the undersigned will execute the Contract Agreement and will furnish approved surety bonds and such other bonds as required by the Contract Documents for the faithful performance of the contract. In the event the Contract Agreement and bonds are not executed within the time above set forth, the attached bid bond in the amount of 5% of the bid total is to become the property of McCoy WSC as liquidated damages for the delay and additional work caused thereby.

The undersigned agrees to 1. Complete all work covered by these Contract Documents within a reasonable period of time after the date of the executed Contract Agreement as directed by McCoy WSC; and 2. Hereby indicates his interest and ability to perform painting during the late fall/winter months (October to January 2015) to prevent conflicts with demand.

**Authorized Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

Signature indicates Bidder accepts the terms and conditions of this solicitation.

**Print Name** \_\_\_\_\_ **Title** \_\_\_\_\_

**Company Name** \_\_\_\_\_

**Street or PO Box** \_\_\_\_\_

**City, State, Zip** \_\_\_\_\_

**Contact Person** \_\_\_\_\_

**Telephone & Email Address** \_\_\_\_\_

**BID WILL BE CONSIDERED "NON RESPONSIVE" IF REQUIREMENTS ARE NOT FULFILLED.**