

INVITATION FOR BIDS

Separate sealed Bids for the **McCoy Water Supply Corporation (McCoy WSC) POTABLE WATER TANK REPAINTING PROJECT** will be received by and at the office of the General Manager, 2125 FM 541, McCoy, Texas 78113 until **5:00 PM, Tuesday, November 10, 2015** and then opened in the McCoy Water Supply Corporation office at **2:00 p.m., Thursday, November 12, 2015**. The selection is scheduled for presentation to the McCoy Water Supply Corporation Board of Directors at their November 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 and exterior 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.
- Paint the interior and exterior of one Pressure Tank (2,500 gallons @ 6' Ø X 11' long; not in use) located approximately 7 miles south of Jourdanton (Plant 4)

Pictures from the 2014 McCoy Water Supply Corporation Tank Inspection were posted on www.mccoywsc.com by Thursday, August 27, 2015.

Questions regarding the IFB are due by **Wednesday, October 28, 2015, 5:00 PM**, and the answers will be posted on www.mccoywsc.com by **Tuesday, November 3, 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.

October 20, 2015

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

**INVITATION FOR BIDS FOR McCOY WSC
POTABLE WATER TANK REPAINTING PROJECT**

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INVITATION FOR BIDS FOR McCoy WSC POTABLE WATER TANK REPAINTING PROJECT

SCOPE & INTENT

McCoy Water Supply Corporation (McCoy WSC) is accepting sealed bids for refinishing of one (1) standpipe; two (2) ground storage tanks; and two (2) pressure tanks for potable water as detailed below. All questions shall be directed to Gene Camargo, General Manager, via email at 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 and exterior 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)
- Paint the interior and exterior of one Pressure Tank (2,500 gallons @ 6' Ø X 11' long; not in use) located approximately 7 miles south of Jourdanton (Plant 4)

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 7 business days (**October 30, 2015**) 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.

INVITATION FOR BIDS FOR McCOY WSC POTABLE WATER TANK REPAINTING PROJECT

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 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. Contractor shall assume all responsibility for damage to neighboring properties.

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.

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

INVITATION FOR BIDS FOR McCoy WSC POTABLE WATER TANK REPAINTING PROJECT

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

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.

INVITATION FOR BIDS FOR McCOY WSC POTABLE WATER TANK REPAINTING PROJECT

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 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 TNEMEC 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. Manufacturers' recommended curing times and recoat windows between each coat must be strictly adhered to.

INTERIOR STEEL (IMMERSION SERVICE) FOR SOUTH PLANT 5 GROUND STORAGE TANK (142,000 GALLONS); PLANT 4 PRESSURE TANK (Not in use); AND PLANT 7 PRESSURE TANK				
ALL PRODUCTS IN CONTACT WITH WATER MUST CONFORM TO ANSI/NSF STANDARD 61.				
SURFACE PREPARATION	SSPC-SP10 - Near-White Blast Cleaning		Profile – 2-3 mils minimum angular surface profile	
PAINT SYSTEM	Epoxy Polyamide; Thickness – 12 mils minimum DFT			
SEAM SEALER	Sikaflex-1a; Sealant and Adhesive			
Tnemec Company, Inc.				
Coat	Prime	Stripe	Intermediate	Finish Coat
Number	Series 91 H2O or 94H2O	Series 20 or N140 (TNEMEC FC20 may be substituted in cold weather conditions)	Series 20 or N140 (TNEMEC FC20 may be substituted in cold weather conditions)	Series 20 or N140 (TNEMEC FC20 may be substituted in cold weather conditions)
Name	Hydro Zinc 2000	Pota-Pox	Pota-Pox	Pota-Pox
Description	Zinc-Rich Aromatic Urethane	Polyamide Epoxy	Polyamide Epoxy	Polyamide Epoxy
Color	Greenish-Gray	Tank White (15BL)	Beige (1255)	Tank White (15BL)
Mils DFT	3 to 5		4 to 6	4 to 6
Application	1 Each		1 Each	1 Each
Sherwin-Williams Company				
Coat	Prime	Stripe	Intermediate	Finish
Number	B65G10; B69D210	646 PW	646 PW	646 PW
Name	Corothane I - Galvapac Two Pack Zinc Primer	Macropoxy	Macropoxy	Macropoxy
Description	Zinc-Rich Urethane	Polyamide Epoxy	Polyamide Epoxy	Polyamide Epoxy
Color	Gray	Mill White	Light Blue	Mill White
Mils DFT	3 to 5		4 to 6	4 to 6
Application	1 Each		1 Each	1 Each

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

**INVITATION FOR BIDS FOR McCOY WSC
POTABLE WATER TANK REPAINTING PROJECT**

INTERIOR STEEL (IMMERSION SERVICE) FOR NORTH PLANT 5 GROUND STORAGE TANK (126,000 GALLONS) ALL PRODUCTS IN CONTACT WITH WATER MUST CONFORM TO ANSI/NSF STANDARD 61		
SURFACE PREPARATION	SSPC-SP2 – Hand Tool Cleaning	SSPC-SP3 – Power Tool Cleaning
	Hand and Power Tool Clean all areas identified by the field representative or Owner's representative and touch up. All interior weld seams to be filled in with Sikaflex-1a seam sealer.	
PAINT SYSTEM	Epoxy Polyamide; Thickness – 8 mils minimum DFT	
SEAM SEALER (All interior open roof plate seams)	Sikaflex-1a; Sealant and Adhesive	
Tnemec Company, Inc.		
Coat	Prime (note color)	Finish (note color)
Number	Series 20 or N140 (TNEMEC FC20 may be substituted in cold weather conditions)	Series 20 or N140 (TNEMEC FC20 may be substituted in cold weather conditions)
Name	Pota-Pox	Pota-Pox
Description	Polyamide Epoxy	Polyamide Epoxy
Color	Beige (1255)	Tank White (15 BL)
Mils DFT	4 to 6	4 to 6
Application	1 each	1 each

EXTERIOR SURFACES

EXTERIOR STEEL (IMMERSION SERVICE) FOR BOTH PLANT 5 GROUND STORAGE TANKS (126,000 GALLONS AND 142,000 GALLONS); PLANT 4 PRESSURE TANK (not in use); AND PLANT 7 PRESSURE TANK			
SURFACE PREPARATION	Damaged and Corroded Areas: SSPC-SP6 – Commercial Blast Cleaning with 1.5 to 2.5 mil minimum angular surface profile		
	Remainder: Sweep Blast in order to roughen all areas (similar to SSPC-SP7 – Brush-Off Blast Cleaning) With 1.5 to 2.5 mil minimum angular surface profile		
	Contractor is responsible for proper containment measures (per TCEQ rules)		
PAINT SYSTEM	Epoxy/Polyurethane; Thickness – 8 mils minimum DFT		
SEALER	Sikaflex-1a; Sealant and Adhesive		
FINISH	The exterior finish coat shall have a gloss or similar finish.		
Tnemec Company, Inc.			
Coat	Spot Prime	Intermediate	Finish
Number	Series 27	Series 27	Series 740 or 1074U
Name	Typoxy	Typoxy	UVX
Description	Polyamide Epoxy	Polyamide Epoxy	Modified Polyurethane
Color	Gray (33GR)	Tank White (15 BL)	Desert Sand (04BR)
Mils DFT	4 to 6	4 to 6	3 to 5 Each
Application	1 Each	1 Each	1 Each
Sherwin-Williams Company			
Coat	Spot Prime	Intermediate	Finish
Number	646 PW	646 PW	B65 Series
Name	Macropoxy	Macropoxy	Acrolon Ultra
Description	Polyamide Epoxy	Polyamide Epoxy	Acrylic Polyurethane
Color	Light Blue	Mill White	Tan
Mils DFT	4 to 6	4 to 6	3 to 5 Each
Application	1 Each	1 Each	1 Each

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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 PROJECT**

EXTERIOR STEEL FOR PLANT 1 STANDPIPE			
SURFACE PREPARATION	SSPC-SP6 – Commercial Blast Cleaning	Profile – 1.5 to 2.5 mils minimum angular surface profile	
	Contractor is responsible for shrouding this tank.		
PAINT SYSTEM	Zinc – Epoxy - Polyurethane; Thickness – 9 mils minimum DFT		
SEALER	Sikaflex-1a; Sealant and Adhesive		
FINISH	The exterior finish coat shall have a gloss or similar finish.		
Tnemec Company, Inc.			
Coat	Prime	Intermediate	Finish
Number	Series 91 H2O or 94 H2O	Series 66 or N69	Series 740 or 1074U
Name	Hydro-Zinc	Hi-Build Epoxoline II	UVX or EnduraShield II
Description	Zinc-Rich	Polyamide Epoxy	Modified Polyurethane
Color	Greenish Gray	Tank White (15 BL)	Desert Sand (04BR)
Mils DFT	2.5 to 3.5	4 to 6	3 to 5
Application	1 Each	1 Each	1 Each
Sherwin-Williams Company			
Coat	Prime	Intermediate	Finish
Number	B65G10; B69D210	646 PW	B65 Series
Name	Corothane I - Galvapak Two Pack Zinc Primer	Macropoxy	Acrolon Ultra
Description	Zinc-Rich Urethane	Polyamide Epoxy	Acrylic Polyurethane
Color	Gray	Mill White	Tan
Mils DFT	2.5 to 3.5	4 to 6	3 to 5
Application	1 Each	1 Each	1 Each

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**INVITATION FOR BIDS FOR McCOY WSC
POTABLE WATER TANK REPAINTING PROJECT**

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

Two contracts will be issued as follows. McCoy WSC reserves the right to consider ground storage tank bids separately from pressure tank bids.

- A. Refinishing of the Exterior of Plant 1 Standpipe
- B. Refinishing of the Interior and Exterior of
 - Two Ground Storage Tanks at Plant 5
 - One Pressure Tank at Plant 4 (not in use)
 - One Pressure Tank at Plant 7

Item Number	Quantity	Unit	Description and Price in Words	Unit Price
A.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).	\$
			DOLLARS	
			CENTS	
B.1	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).	\$
			DOLLARS	
			CENTS	
B.2.	1	Lump Sum	Paint the exterior of one Ground Storage Tank (142,000 gallons @31.8' Ø X 24' high) located in Leming, TX (Plant 5).	\$
			DOLLARS	
			CENTS	
B.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).	\$
			DOLLARS	
			CENTS	
B.4	1	Lump Sum	Paint the exterior of one Ground Storage Tank (126,000 gallons @ 30' Ø X 24' high) located in Leming, TX (Plant 5).	\$
			DOLLARS	
			CENTS	

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

**INVITATION FOR BIDS FOR McCOY WSC
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Item Number	Quantity	Unit	Description and Price in Words	Unit Price
B.5	1	Lump Sum	Paint the interior and exterior of one Pressure Tank (2,500 gallons @ 6' Ø X 11' long; not in use) located approximately 7 miles south of Jourdanton (Plant 4)	\$
			DOLLARS	
			CENTS	
B.6	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).	\$
			DOLLARS	
			CENTS	

CONTRACT A TOTAL OF BID \$ _____

CONTRACT B TOTAL OF BID \$ _____

CONTINGENT BID ITEMS - Not Part of Total Base Bid

This item shall be used if determined necessary by the Owner and/or Engineer during the course of construction. Unbalanced or inflated bid items may be rejected by the Owner.

Item	Quantity	Unit	Description and Price in Words	Price
C.1	25	Hours	Man hours for grinding on tank roof interior; Complete in place per hour for:	\$
			DOLLARS	
			CENTS	
C.2	25	Linear Feet	Seam welding of any patchwork; Complete in place per linear foot for:	\$
			DOLLARS	
			CENTS	
C.3	25	Square Inches	Pit welding of severe pitting; Complete in place per square inch for:	\$
			DOLLARS	
			CENTS	

**INVITATION FOR BIDS FOR McCOY WSC
POTABLE WATER TANK REPAINTING PROJECT**

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 (projected to be November to February 2016) 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 _____