

**REQUEST FOR PROPOSALS
RFP 2020-23**

**Rehabilitation of Concrete Reservoir No. 2
Carlsbad, NM**

Submittal requirements and deadlines:

One original and three (3) copies of your proposal should be sent to:

City of Carlsbad
Attn: Matt Fletcher, CPO
101 N. Halagueno St., Room 115
Carlsbad, NM 88221

by 5:00 PM on or before December 18, 2020

Proposals must be received in sealed envelopes clearly marked with the proposal number, closing date and company submitting the proposal. Any proposal received after the time and date listed above, regardless of the mode of delivery, shall be returned unopened.

Questions regarding this proposal should be addressed via email to:

TECHNICAL CONTACT

Ron Myers rwmyers@cityofcarlsbadnm.com

PROCUREMENT CONTRACT

Matt Fletcher msfletcher@cityofcarlsbadnm.com

I. Introduction

A. General Information

The City of Carlsbad is accepting proposals for the rehabilitation of the 5.0 million gallon concrete tank (Reservoir No. 2) located off Holland Ln. in Carlsbad, NM. The tank is approximately 205 feet in diameter by 20 feet tall. The exterior wall is differentially backfilled.

The City of Carlsbad is accepting proposals to make the tank thoroughly tight against leakage. No coatings will be allowed which are not approved for use (as a contact surface with potable water) by the EPA, National Sanitation Foundation (NSF), or United States Food and Drug Administration (FDA). All newly installed coatings must conform to American National Standards Institute/National Sanitation Foundation (ANSI/NSF) Standard 61 and must be certified by an organization accredited by ANSI.

The preparation of the request for proposal will be at the total expense of the proposer. There is no expressed or implied obligation for the City of Carlsbad to reimburse responding proposers for any expense incurred in the preparation of proposals in response to this request.

Proposals shall be evaluated by a committee consisting of City Staff.

During the review process, the City of Carlsbad reserves the right, where it may serve the City of Carlsbad's best interest, to request additional information or clarifications from those that submit proposals, or allow corrections of errors or omissions.

The City of Carlsbad reserves the right to retain all proposals submitted. Submission of a proposal indicates the firm's acceptance of the conditions contained in this request for proposals, unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the City of Carlsbad and the vendor selected.

If items in the Specifications and Requirements have been identified by a "brand name or equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be satisfactory.

B. Proposal Content

At the minimum, the proposal shall include agreement and acknowledgement of the requirements in the form of a point-by-point response to each of the specifications listed in this RFP, as well as a description of the equipment and services being supplied, along with supporting documentation. A completion date for total scope of work, listed as number of calendar days from receipt of order, shall be provided with response. A complete equipment list with itemized pricing shall be included.

C. Guarantees & Warranties

The CONTRACTOR shall guarantee the work against defective materials or workmanship for a period of one (1) year from the date of completion. If any materials or workmanship prove to be defective within one (1) year, they shall be replaced or repaired by the CONTRACTOR at the CONTRACTOR's expense.

D. Supplementary Information

If the Proposer wishes to include supplementary information not specifically called for in this RFP, this information shall be included in an appendix to their proposal. The purpose of any such material shall be clearly explained.

E. Bonds

The successful proposer will be required to furnish Payment, Performance, and Maintenance Bonds from a surety licensed to do business in the State of New Mexico in the amount of one hundred (100%) percent of the value of the contract. These bonds, along with proper insurance papers, will be incorporated as part of the final contract documents and will remain in effect until the completion and acceptance of the project.

The Maintenance Bond is required at the completion of the project and shall be in effect for a period of one year after final acceptance of the project.

F. Insurance Requirements

The successful Contractor shall furnish an insurance certificate to the City in accordance with the requirements of this RFP. This insurance coverage is to remain in effect during the term of the contract, and no work will be authorized prior to receipt and approval of the insurance by the City of Carlsbad.

G. Liquidated Damages

Liquidated Damages of \$ 500 per calendar day for failure to complete project on time will be assessed in accordance with City and State regulations.

II. Water Storage Tank Rehabilitation

General:

The Scope of the work encompassed by this specification includes the furnishing for all labor, equipment, material and incidentals necessary to provide a seamless, abrasion resistant, and chemical resistant waterproof lining within the interior of the water storage tank.

This is a "turnkey" project. The Contractor shall provide all work, labor, insurance, materials, appliances, tools, equipment, facilities, transportation, and services necessary for or incidental to performing all of the operations encompassed by the work of this Specification, complete, as specified herein. It is the intent of this Specification to provide all work complete as listed in the paragraph above.

Inadvertent omission of any necessary items of work, material, or equipment shall not negate the Contractor's responsibility to provide those items at no additional cost to the City.

Surface Preparation:

Remedial work must be performed to all surfaces to prepare an acceptable surface for the application of the proposed coating, or an approved equivalent elastomeric coating that provides a corrosion and chemical resistant waterproof membrane. This work includes cleaning the interior of the tank using high-pressure water blast or other Manufacturer/Owner accepted method to clean all interior surfaces, remove all silt, dirt, debris, including the required removal of existing waterproofing and surface laitance from all interior surfaces. An existing flexible sealant system is present at the floor joints and floor-wall connection extending up the wall and onto the floor. The removal of this coating shall be included in the contractor's proposal along with proposed methods for removal.

Pumping and Dewatering:

Work to be performed may require draining, pumping and dewatering, and certain cleaning operations necessary to complete the work as specified and to protect the structural integrity of the storage tank. Such draining, pumping, dewatering, and cleaning operations shall be the obligation of the Contractor.

Disinfection:

The Contractor shall, at the completion of tank construction, thoroughly clean the interior of the tank. Disinfection shall meet with the approval of the City, AWWA C652, and all State requirements. The tank floor and interior of the wall shall be disinfected by using a solution of chlorine and water per Method 2 of AWWA C652.

Prior to placing the tank in service, a bacteriological test shall be taken, and successful results received. Testing shall be by an independent testing laboratory at the expense of the owner. All testing of samples that fail shall be paid by the contractor.

Quality Assurance:

The Contractor responsible for installing the coating ("Coating Installer") shall be a specialist concrete tank contractor experienced in AWWA D110-13 and ACI 350-06 tanks and Certified Applicator having a minimum of 10 years of experience in applying coatings manufactured by C.I.M. Industries or approved equal in potable concrete water tank applications.

The Coating Installer shall have successfully completed at least 10 similar potable concrete water tank coating projects and shall have installed a minimum of 500,000 square feet of C.I.M. coatings or approved equal during the last 10 years prior to bid submittal.

The Contractor shall submit with their bid a list of coating projects with the specified C.I.M. or approved equal, material completed by the Coating Installer

meeting the requirements in Paragraph 1 and 2 including project name, location, name of owner, name of coating manufacturer, and approximate quantity (square feet) of coating applied.

No company is considered qualified unless it can meet the qualifications listed above.

All tank work shall be performed by a company that utilizes an applicator experienced in the application of the specified chemical for a minimum of 2-years on projects of similar size and complexity. Provide a list of completed projects including project name and location, name of engineer, name of coating manufacturer, and approximate quantity of chemical applied.

A supervisor that has successfully completed the manufacturer's contractor certification and training program shall be on the job site during all phases of the work.

Clean-Up:

The premises shall be kept clean and orderly at all times during the work. Upon completion of construction, the contractor shall remove or otherwise dispose of all rubbish and other materials caused by the construction operation. The Contractor shall leave the premises in as good a condition as it was found.

Codes, Standards and Specifications:

All work is to be accomplished in accordance with the membrane manufacturer's requirements and all relevant OSHA, AWWA and State standards. All proposals must include adequate detail of the bidder's intended methodology, procedures and processes.

III. Scope of Work

Item 1. Joints, Floor/Wall Connection and Floor Surface

Provide all labor, equipment, material and incidentals required to detail all cracks in the floor and detail the floor-wall connection and all floor expansion joints with redundant waterstops and CIM Primer and CIM 1061 by C.I.M. Industries or approved equal with polyester scrim reinforcement.

Other acceptable methods or products of floor/wall joint seal application must be described in the proposal for consideration.

Alternate: In conjunction with the work provided above, provide an additional alternate item to provide all labor, equipment, material and incidentals required to clean by high pressure water or abrasive blasting the entire surface of the tank floor to meet the manufacturer's surface profile requirements. Perform any incidental remedial work required to the floor including minor patching to provide a sound surface for the application of an NSF 61 approved elastomeric coating. Coat the entire surface of the tank floor with CIM Primer or approved equal and a minimum

60 mil coating of CIM 1061 by C.I.M. Industries or approved equal extending a minimum of 1'-6" up the interior wall. A minimum five (5) year warranty shall be provided if the alternate is selected.

Item 1. Interior Ladder

Provide all designs, labor, equipment, material and incidentals required furnish and install a new corrosion resistant ladder with stainless steel safety climb device.

Shop drawings shall be signed and sealed by a Professional ENGINEER, experienced in the design of AWWA D110-13 or ACI 350-06 concrete tanks and registered in the State of New Mexico.

IV. Submittals and Documentation

Proposals:

Proposer shall submit a complete firm cost quotation for all proposed work for the proposed repairs to the water storage tank. The price quotation shall include a project cost breakdown on an item-by-item basis rather than a lump sum cost. Itemized costs in the proposal shall include:

Information that will be required includes:

A detail description of the work to be performed, including method of membrane coating application; all products that will be used, proposed schedule of work, examples or descriptions of testing procedures that will be used on completion of project and documentation that will be provided on completion of the project.

V. EVALUATION

Evaluation Procedures:

Proposal Evaluation Criteria

Proposals will be evaluated by an evaluation committee consisting of City staff. The evaluation committee will be contacting references provided by proposers, as well as utilizing the City's own experience with proposers in determining quality of service and applicable experience.

1. **Complete Price: 30 points, maximum** (price to include all material and labor for turn-key product).

Note: State of New Mexico Wage Rates will be in effect for this contract and all contractors should include these mandated wage rates in their labor calculations. Wage Decision Documents have been included.

2. **Warranty: 5 points, maximum** (proposer is to provide sample warranty and terms on contractor's letterhead for the work performed.)
3. **Proposal Methodology: 20 points, maximum** (proposer is to fully describe in detail each phase of their work plan, including addressing safety issues along with quality control processes).
4. **Experience and Qualification of Staff: 35 points, maximum** (proposer is to furnish information of similar work performed within the past five years, including current contact information)

Indicate your experience with other projects of approximate size and type as proposed project. 25 points maximum

Indicate the experience of your staff dedicated to this project in the application of the specified high-performance coating for projects of similar size and complexity. 10 points maximum

5. **Project Schedule: 10 points, maximum** (proposer is to state turnkey installation date as number of calendar days to complete project after receipt of order

Indicate the number of calendar days required to perform the scope of the project. 5 points maximum

Indicate experience in meeting timelines of similar size projects and provide current contact information from three (3) previous entities that can attest to timeliness. 5 points maximum

Total 100 points



LABOR RELATIONS DIVISION

401 Broadway NE
Albuquerque, NM 87102
Phone: 505-841-4400
Fax: 505-841-4424

226 South Alameda Blvd
Las Cruces, NM 88005
Phone: 575-524-6195
Fax: 575-524-6194

WWW.DWS.STATE.NM.US

1596 Pacheco St, Suite 103
Santa Fe, NM 87505
Phone: 505-827-6817
Fax: 505-827-9676

Wage Decision Approval Summary

1) Project Title: Reservoir #2 Rehabilitation
Requested Date: 11/18/2020
Approved Date: 11/19/2020
Approved Wage Decision Number: ED-20-2265-H

Wage Decision Expiration Date for Bids: 03/19/2021

2) Physical Location of Jobsite for Project:
Job Site Address: Holland Lane
Job Site City: Carlsbad
Job Site County: Eddy

3) Contracting Agency Name (Department or Bureau): City of Carlsbad
Contracting Agency Contact's Name: Matt Fletcher
Contracting Agency Contact's Phone: (575) 234-7905 Ext.

4) Estimated Bid Opening Date: 12/18/2020

5) Estimated total project cost: \$1,300,000.00

- a. Are any federal funds involved?: No
- b. Does this project involve a building?: No
- c. Is this part of a larger plan for construction on or appurtenant to the property that is subject to this project?: No
- d. Are there any other Public Works Wage Decisions related to this project?: No
- e. What is the ultimate purpose or functional use of the construction once it is completed?: To repair and restore the inner lining of the water reservoir tank to prevent leaking and prevent future deterioration.

6) Classifications of Construction:

Classification Type and Cost Total	Description
Heavy Engineering (H) Cost: \$1,300,000.00	Scope of work to include removal of existing sealant system. Furnish and install polyester scrim reinforced elastomeric coating to detail active cracks. Apply elastomeric liner over entire interior floor surface. Design, furnish and install new corrosion resistant interior ladder with fall prevention device.



PUBLIC WORKS PROJECT REQUIREMENTS

As a participant in a Public Works project valued at more than \$60,000 in the state of New Mexico, the following list addresses many of the responsibilities that are defined by statute or regulation to each project stakeholder.

Contracting Agency

- Ensure that all contractors wishing to bid on a Public Works project when the project is \$60,000 or more are actively registered with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> (Contractor Registration) prior to bidding.
- Please submit Notice of Award (NOA) and Subcontractor List(s) to the PWAA website promptly after the project is awarded.
- Please update the Subcontractor List(s) on the PWAA website whenever changes occur.
- All sub-contractors and tiers (excluding professional services) regardless of contract amount must be listed on the Subcontractor List and must adhere to the Public Works Minimum Wage Act.
- Ninety days after project completion please go into the PWAA system and close the project. Only contracting agencies are allowed to close the project. Agents or contractors are not allowed to close projects.

General Contractor

- Provide a complete Subcontractor List and Statements of Intent (SOI) to Pay Prevailing Wages for all contractors, regardless of amount of work, to the contracting agency within 3 (three) days of award.
- Ensure that all subcontractors wishing to bid on a Public Works project have an active Contractor Registration with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> prior to bidding when their bid will exceed \$60,000.
- Make certain the Public Works Apprentice and Training Act contributions are paid either to an approved Apprenticeship Program or to the Public Works Apprentice and Training Fund.
- Confirm the Wage Rate poster, provided in PWAA, is displayed at the job site in an easily accessible place.
- When the project has been completed, make sure the Affidavits of Wages Paid (AWP) are sent to the contracting agency.
- All subcontractors and tiers (excluding professional services) regardless of contract amount must pay prevailing wages, be listed on the Subcontractor List, and adhere to the Public Works Minimum Wage Act.



LABOR RELATIONS DIVISION
121 Tijeras Ave NE, Suite 3000
Albuquerque, NM 87102
Phone: 505-841-4400
Fax: 505-841-4424

WWW.DWS.STATE.NM.US

Subcontractor

- Ensure that all subcontractors wishing to bid on a Public Works project have an active Contractor Registration with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> prior to bidding when their bid will exceed \$60,000.
- Make certain the Public Works Apprentice and Training Act contributions are paid either to an approved Apprenticeship Program or to the Public Works Apprentice and Training Fund.
- All subcontractors and tiers (excluding professional services) regardless of contract amount must pay prevailing wages, be listed on the Subcontractor List, and adhere to the Public Works Minimum Wage Act.

Additional Information

Reference material and forms may be found in the New Mexico Department of Workforce Solutions Public Works web pages at: <https://www.dws.state.nm.us/Labor-Relations/Labor-Information/Public-Works>.

CONTACT INFORMATION

Contact the Labor Relations Division for any questions relating to Public Works projects by email at public.works@state.nm.us or call (505) 841-4400.



Type "H - Heavy Engineering

Effective January 1, 2020

Trade Classification	Base Rate	Fringe Rate	Apprenticeship
Asbestos workers/Heat & Frost Insulators	32.26	12.06	0.60
Asbestos workers/Heat & Frost Insulators- Los Alamos County	34.69	12.06	0.60
Boilermaker	34.97	27.35	0.60
Bricklayer/Block layer/Stonemason	25.54	8.81	0.60
Carpenter/Lather	24.63	11.24	0.60
Carpenter- Los Alamos County	27.80	13.19	0.60
Millwright/Pile driver	33.16	25.24	0.60
Cement Mason	21.00	9.38	0.60
Electricians-Outside Classifications: Zone 1			
Ground man	23.27	12.67	0.60
Equipment Operator	33.39	15.35	0.60
Lineman/Tech	39.28	16.91	0.60
Cable Splicer	42.21	17.95	0.60
Electricians-Outside Classifications: Zone 2			
Ground man	23.27	12.67	0.60
Equipment Operator	33.39	15.35	0.60
Lineman/Tech	39.28	16.91	0.60
Cable Splicer	42.21	17.95	0.60
Electricians-Outside Classifications: Los Alamos			
Ground man	23.94	12.85	0.60
Equipment Operator	34.35	15.60	0.60
Lineman/Tech	40.41	17.21	0.60
Cable Splicer	44.45	18.28	0.60
Electricians-Inside Classifications: Zone 1			



Wireman/low voltage technician	32.70	11.18	0.60
Cable Splicer	35.97	11.28	0.60
Electricians-Inside Classifications: Zone 2			
Wireman/low voltage technician	35.64	11.27	0.60
Cable Splicer	38.91	11.37	0.60
Electricians-Inside Classifications: Zone 3			
Wireman/low voltage technician	37.61	11.33	0.60
Cable Splicer	40.88	11.43	0.60
Electricians-Inside Classifications: Zone 4			
Wireman/low voltage technician	41.20	11.44	0.60
Cable Splicer	44.47	11.53	0.60
Electricians-Inside Classifications: Los Alamos			
Wireman/low voltage technician	37.61	13.21	0.60
Cable Splicer	40.88	13.47	0.60
Glazier			
Glazier/Fabricator	20.25	5.35	0.60
Delivery Driver	9.00	5.35	0.60
Ironworker	27.00	15.75	0.60
Painter- Industrial	21.25	9.17	0.60
Paperhanger	18.75	9.17	0.60
Drywall-Industrial			
Ames tool Operator	25.93	7.10	0.60
Hand finisher/machine texture	24.93	7.10	0.60
Plumber/Pipefitter	30.76	11.62	0.60
Roofer	25.23	7.97	0.60
Sheet metal Worker	31.03	17.26	0.60
Operators			
Group I	20.55	6.34	0.60
Group II	20.75	6.34	0.60
Group III	20.94	6.34	0.60
Group IV	21.08	6.34	0.60
Group V	21.19	6.34	0.60
Group VI	21.37	6.34	0.60



Group VII	21.39	6.34	0.60
Group VIII	23.29	6.34	0.60
Group IX	28.96	6.34	0.60
Group X	32.19	6.34	0.60
Laborers			
Group I-Unskilled	17.06	6.22	0.60
Group II-Semi-Skilled	17.81	6.22	0.60
Group III-Skilled	19.32	6.22	0.60
Group IV-Specialty	19.72	6.22	0.60
Laborers-Underground			
Group I	18.97	6.22	0.60
Group II	19.34	6.22	0.60
Group III	19.69	6.22	0.60
Truck Drivers			
Group I-VII	16.45	7.87	0.60
Group VIII	16.51	7.87	0.60
Group IX	18.45	7.87	0.60

NOTE: All contractors are required to pay SUBSISTENCE, ZONE AND INCENTIVE PAY according to the particular trade. Details are located in a PDF attachment at WWW.DWS.STATE.NM.US. Search Labor Relations/Labor Information/Public Works/Prevailing Wage Rates.

For more information about the Subsistence, Zone, and Incentive Pay rates, or to file a wage claim, contact the Labor Relations Division at (505) 841-4400 or visit us online at www.dws.state.nm.us.

CONCRETE STORAGE TANK REHABILITATION SCOPE OF WORK

PART 1 GENERAL

1.1 SUMMARY

- A. Remove existing sealant system over the floor joints and floor-wall connection, dispose of the material properly, and prepare the underlying concrete surfaces.
- B. Furnish and install polyester scrim reinforced elastomeric coating to detail active cracks found in the tank floor, floor construction joints, and the floor-wall connection terminating a minimum 18" up the wall and a minimum 18" onto the tank floor.
- C. Alternate – In addition to the work outlined in 1.1A and B, apply elastomeric liner over the entire interior floor surface.
- D. Design, furnish, and install new corrosion resistant interior ladder complete with stainless steel fall prevention device.

1.2 REFERENCES

- A. ACI 350-06 Code Requirements for Environmental Engineering Concrete Structures and Commentary.
- B. ANSI/NSF 61 – Drinking Water Systems Components – Health Effects.
- C. ASTM D4060 – Abrasion Resistance of Organic Coatings by the Taber Abraser.
- D. ASTM D4259-88 – Abrading Concrete.
- E. ASTM D1682 – Breaking Load and Elongation of Textile Fabric.
- F. ASTM D4263 – Indicating Moisture in Concrete by the Plastic Sheet Method.
- G. AWWA D110-13 Wire and Strand Wound, Circular, Prestressed Concrete Water Tanks.
- H. ICRI 03732 – Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymers Overlays.

1.3 QUALITY ASSURANCE

- A. Prequalifications and Experience:

1. The Contractor responsible for installing the coating ("Coating Installer") shall be a specialist concrete tank contractor experienced in AWWA D110-13 and ACI 350-06 tanks and Certified Applicator having a minimum of 10 years of experience in applying coatings manufactured by C.I.M. Industries or approved equal in potable concrete water tank applications.
2. The Coating Installer shall have successfully completed at least 10 similar potable concrete water tank-coating projects and shall have installed a minimum of 500,000 square feet of C.I.M. coatings or approved equal during the last 10 years prior to bid submittal.
3. The Contractor shall submit with their bid a list of coating projects with the specified C.I.M. material or approved equal completed by the Coating Installer meeting the requirements in Paragraph 1 and 2 including project name, location, name of owner, name of coating manufacturer, and approximate quantity (square feet) of coating applied.
4. The Contractor shall submit with their bid a letter directly from the coating manufacturer confirming the Coating Installer is a Certified Applicator in C.I.M. coatings or approved equal.
5. Coating Installer's Supervisor: Employ a supervisor during all phases of the work that has successfully completed manufacturer's contractor training program.
6. Coating Installer's Personnel: Employ persons trained for the application of the high-performance coating.
7. Singular Responsibility: The coating system shall be applied using skilled personnel employed directly by the Coating Installer.
8. The Contractor shall have in its employ a design professional engineer with a minimum of 10 years experience in concrete tank construction and registered in the state of New Mexico. The design engineer shall have been the engineer of record for a minimum of 10 concrete tank projects meeting AWWA D110-13 or ACI 350-06 standards.

1.4 SUBMITTALS

A. Construction Submittals for Review Prior to Use:

1. Shop drawings shall be signed and sealed by a Professional ENGINEER, experienced in the design of AWWA D110-13 or ACI 350-06 concrete tanks and registered in the State of New Mexico.

2. Submit details for coating expansion joints, cracks, and flexible floor-wall connection for similar sized concrete tanks.
- A. Product Data: Submit manufacturer's product data, including surface preparation, application, and curing.
- B. Samples: Submit 3-inch by 1-inch samples for approval by the Engineer/Owner.
 1. Cured high performance coating, 60 mils thick.
 2. Reinforcing fabric and joint cover sheet.
- C. Applicator's Project References: Submit list of completed project references.
- D. Certification of Applicator's Supervisor: Submit for applicator's supervisor a certificate indicating completion of manufacture's contractor training program.
- E. Warranty: Submit manufacturer's standard warranty.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store all materials in cool, dry conditions and in strict accordance with manufacturer's directions.

1.6 GUARANTEE

- A. The CONTRACTOR shall guarantee the work against defective materials or workmanship for a period of one (1) year from the date of completion. If any materials or workmanship prove to be defective within one (1) year, they shall be replaced or repaired by the CONTRACTOR at the CONTRACTOR's expense.
- B. A five (5) year warranty for all materials and workmanship shall be provided for the alternate floor coating system.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Coating material shall be C.I.M. 1061, or approved equal a high solids, two component liquid, cold applied, asphalt extended urethane elastomer that cures to a durable abrasion resistant film and forms a flexible, impermeable barrier to water, as manufactured by C.I.M. Industries Inc., or approved equal.
 1. Coating material shall comply with NSF61 criteria for direct contact with potable water.
 2. Minimum thickness: 60 mils. wet film / 55 mils. dry film.

3. Maximum coverage: 26 sq. ft. per gallon.
 4. Solids by volume: 88 percent.
 5. Volatile Organic Compounds (VOC): 0.75 pounds per gallon.
 6. Elongation: 350 percent.
- B. Patching material for treatment of cracks shall be trowel grade C.I.M. 1000 Trowel Grade or approved equal. Liquid applied, chemical and corrosion resistant urethane elastomer, chemically thickened to allow trowel application with minimum sag.
1. Potable Water Service: Classified for potable water contact in tanks, reservoirs, pipes, and joints in accordance with ANSI/NSF 61 up to 180 degrees F (82 degrees C).
 2. Solids by volume: 89 percent.
 3. Extension to Break, ASTM D412: 300 percent.
 4. Abrasion Resistance, Weight Loss, ASTM D4060: 1.2 mg.
 5. Adhesion to Concrete, Dry, Elcometer: 350 pounds per square inch.
- C. Primer shall be CIM EMT Epoxy Primer or approved equal. Two-component, high solids, moisture tolerant epoxy primer.
1. Potable Water Service: Classified for potable water contact in tanks, reservoirs, pipes, and joints in accordance with ANSI/NSF 61.
 2. Solids by Volume: 97 percent mixed.
 3. Volatile Organic Compounds (VOC): 0.3 pounds per gallon (36 g/L).
- D. Material for reinforcing coating material applied to floor and column footings shall be C.I.M Flexible Stitchbonded Polyester Scrim or approved equal.
1. Weight: 3 oz. per square yard.
 2. Tensile Strength: 57.1 lbs. average. (ASTM D 1682)
 3. Elongation: 61.65% average. (ASTM D 1682)
 4. Mullen Burst Strength: 176.8 lbs. (ASTM D 3786)

5. Trapezoidal Tear Strength: 16.1 lbs. average. (ASTM D1117)
- E. Bonding agent shall be C.I.M VOC Compliant Bonding Agent, an organosilane compound dispersed in acetone or approved equal.
1. Potable Water Service: Classified for potable water contact in tanks, reservoirs, pipes, and joints in accordance with ANSI/NSF 61.
 2. Solids by Volume: Less than 1 percent.
 3. Volatile Organic Compounds (VOC): 0 pounds per gallon (0 g/L).
- F. Concrete Patching Material: Thorite by Thoro System Products, Speedcrete Redline, Tammspatch II, Tamms Structural Mortar by Euclid Chemical Company or approved equal.
- G. Interior Ladder
1. The ladder shall be 304 SS or Fiberglass Reinforced Plastic (FRP) extending from the roof hatch to the tank floor.
 2. The ladder shall have a stainless steel fall prevention device attached consisting of a sliding, locking mechanism and safety belt and complying with applicable OSHA standards.

PART 3 EXECUTION

3.1 FLOOR REPAIRS

- A. Surface Preparation
1. Remove all existing Sika Combi-Flex materials on the tank floor.
 2. Prepare interior wall and floor surfaces to be coated in accordance with the coating manufacturers recommendations.
 3. The surface profile of the concrete to meet CSP 4 to 6.
 4. Thoroughly clean all concrete surface to be coated to remove all dirt, dust and surface contaminants.
 5. Interior surface of the tank wall and floor shall be completely dry and have a minimum temperature of at least 5°F above the dew point at time of application of coating.
 6. Moisture content of the concrete must be less than 5% as tested with a radio frequency moisture meter.

B. Concrete Restoration

1. All spalled and deteriorated concrete along the joints shall be removed.
2. Restore all spalled and deteriorated areas with high strength patching material.
3. Cure and prepare in accordance with the manufacturers recommendations.
4. The cost of the patching work shall be considered incidental to the surface preparation requirements and will not be paid as a separate item.

C. Crack Pretreatment

1. All cracks with a width greater than 1/8 inch to be pretreated.
2. Apply a prime coat of CIM EMT primer or approved equal.
3. Apply a base coat of CIM 1061 or CIM 1000 Trowel Grade, or approved equal approximately 6 inches wide centered on the crack.
4. Embed CIM polyester scrim, or approved equal into the base coat.
5. Topcoat the CIM polyester scrim with CIM 1061, or approved equal to fully embed the scrim.
6. Minimum thickness of the coating shall be 60 dry mils.
7. Coating Installer shall assume 1,000 linear feet of crack repairs.

D. Wall-Floor Joint and Floor Joint Sealing

1. Remove joint sealant systems.
2. Install appropriately sized redundant waterstop utilizing open cell backer rod and hydrophobic polyurethane grout in the void in the joint.
3. Allow the polyurethane grout to expand and fully fill the void.
4. Trim any cured grout that extends beyond the joint.
5. Apply a prime coat of CIM EMT primer or approved equal.
6. Install a CIM cant or approved equal at the base of the tank wall.
7. Apply a base coat of CIM 1061 or CIM 1000 Trowel Grade or approved equal approximately 12 inches wide centered on the base of the cove.

8. Embed CIM polyester scrim or approved equal into the base coat.
9. Topcoat the CIM polyester scrim with CIM 1061 to fully embed the scrim.
10. Minimum thickness of the coating shall be 60 dry mils.

E. Interior Floor Coating

1. Alternate – Follow all items above and apply a minimum 60 mil liner over the entire floor following all manufacturer's recommendations to provide a complete seamless liner.

F. Inspections & Curing

1. Inspect and cure the interior coating in accordance with the manufacturer's recommendations.
2. Make repairs as required in accordance with the coating manufacturer's recommendations.

3.2 INTERIOR LADDER

- A. Install and attach a new ladder onto the interior tank wall in accordance with the approved shop drawings.
- B. Install the ladder fall prevention device in accordance with the manufacturer's literature

PART 4 BASIS OF PAYMENT

4.1 MEASUREMENT PROCEDURES FOR INTERIOR COATING

- A. Payment shall be based on a lump sum bid item.

New Mexico Resident Business Preference

The State of New Mexico Procurement Code mandates a New Mexico Resident Business Preference on all bids and request for proposals (RFP).

Qualified resident businesses will be given a 5% preference on all bids. When bids are evaluated, New Mexico Businesses registered with the Department of Taxation and Revenue, will have its bid reduced by a factor of 5%.

Qualified resident businesses will be given a 5% preference on all RFP's. When proposals are evaluated, New Mexico resident businesses that are registered with the Department of Taxation and Revenue, will receive an additional points equivalent to 5% of the total points possible for award.

As of October 5, 2011, applications for in-state preference will no longer be processed through the State Purchasing Division. All resident businesses, veterans and contractors will have to obtain a preference number with the NM Department of Taxation & Revenue. For additional information please call 505-827-0951.

Qualifications

A. To receive a **resident business preference** pursuant to Section 13-1-21 NMSA 1978 or a **resident contractor preference** pursuant to Section 13-4-2 NMSA 1978, a business or contractor shall submit with its bid or proposal a copy of a valid **resident** business certificate or valid **resident** contractor certificate issued by the taxation and revenue department.

B. An application for a **resident** business certificate shall include an affidavit from a certified public accountant setting forth that the business is licensed to do business in this state and that:

(1) the business has paid property taxes or rent on real property in the state and paid at least one other tax administered by the state in each of the three years immediately preceding the submission of the affidavit;

(2) if the business is a new business, the owner or majority of owners has paid property taxes or rent on real property in the state and has paid at least one other tax administered by the state in each of the three years immediately preceding the submission of the affidavit and has not applied for a **resident** business or **resident** contractor certificate pursuant to this section during that time period;

(3) if the business is a relocated business, at least eighty percent of the total personnel of the business in the year immediately preceding the submission of the affidavit were **residents** of the state and that, prior to the submission of the affidavit, the business either leased real property for ten years or purchased real property greater than one hundred thousand dollars (\$100,000) in value in the state; or

(4) if the business is a previously certified business or was eligible for certification, the business has changed its name, has reorganized into one or more different legal entities, was purchased by another legal entity but operates in the state as substantially the same commercial enterprise or has merged with a different legal entity but operates in the state as substantially the same commercial enterprise.

C. An application for a **resident** contractor certificate shall include an affidavit from a certified public accountant setting forth that the contractor is currently licensed as a contractor in this state and that:

(1) the contractor has:

(a) registered with the state at least one vehicle; and

(b) in each of the five years immediately preceding the submission of the affidavit: 1) paid property taxes or rent on real property in the state and paid at least one other tax administered by the state; and 2) paid unemployment insurance on at least three full-time employees who are **residents** of the state; provided that if a contractor is a legacy contractor, the requirement of at least three full-time employees who are **residents** of the state is waived;

(2) if the contractor is a new contractor, the owner or majority of owners has paid property taxes or rent on real property in the state and has paid at least one other tax administered by the state in each of the five years immediately preceding the submission of the affidavit and has not applied for a **resident** business or **resident** contractor certificate pursuant to this section during that time period;

(3) if the contractor is a relocated business, at least eighty percent of the total personnel of the business in the year immediately preceding the submission of the affidavit were **residents** of the state and that, prior to the submission of the affidavit, the contractor either leased real property for ten years or purchased real property greater than one hundred thousand dollars (\$100,000) in value in the state; or

(4) if the contractor is a previously certified contractor or was eligible for certification, the contractor has changed its name, has reorganized into one or more different legal entities, was purchased by another legal entity but operates in the state as substantially the same enterprise or has merged with a different legal entity but operates in the state as substantially the same commercial enterprise.

D. The taxation and revenue department shall prescribe the form and content of the application and required affidavit. The taxation and revenue department shall examine the application and affidavit and, if necessary, may seek additional information to ensure that the business or contractor is eligible to receive the certificate pursuant to the provisions of this section. If the taxation and revenue department determines that an applicant is eligible, the department shall issue a certificate pursuant to the provisions of this section. If the taxation and revenue department determines that the applicant is not eligible, the department shall issue notification within thirty days. If no notification is provided by the department, the certificate is deemed approved. A certificate is valid for three years from the date of its issuance; provided that if there is a change of ownership of more than fifty percent, a **resident** business or **resident** contractor shall reapply for a certificate.

E. A business or contractor whose application for a certificate is denied has fifteen days from the date of the taxation and revenue department's decision to file an objection with the taxation and revenue department. The person filing the objection shall submit evidence to support the objection. The taxation and revenue department shall review the evidence and issue a decision within fifteen days of the filing of the objection.

F. If, following a hearing and an opportunity to be heard, the taxation and revenue department finds that a business or contractor provided false information to the taxation and revenue department in order to obtain a certificate or that a business or contractor used a certificate to obtain a **resident** business or **resident** contractor **preference** for a bid or proposal and the **resident** business or contractor did not perform the percentage of the contract specified in the bid or proposal, the business or contractor:

(1) is not eligible to receive a certificate or a **preference** pursuant to Section 13-1-21 or 13-4-2 NMSA 1978 for a period of five years from the date on which the taxation and revenue department became aware of the submission of the false information or the failure to perform the contract as specified in the bid or proposal; and

(2) is subject to an administrative penalty of up to fifty thousand dollars (\$50,000) for each violation.

G. In a decision issued pursuant to Subsection E or F of this section, the taxation and revenue department shall state the reasons for the action taken and inform an aggrieved business or contractor of the right to judicial review of the determination pursuant to the provisions of Section 39-3-1.1 NMSA 1978.

H. The taxation and revenue department may assess a reasonable fee for the issuance of a certificate not to exceed the actual cost of administering the taxation and revenue department's duties pursuant to this section.

I. The state auditor may audit or review the issuance or validity of certificates.

J. For purposes of this section:

(1) "new business" means a person that did not exist as a business in any form and that has been in existence for less than three years;

(2) "new contractor" means a person that did not exist as a business in any form and that has been in existence for less than five years;

(3) "legacy contractor" means a construction business that has been licensed in this state for ten consecutive years; and

(4) "relocated business" means a business that moved eighty percent of its total domestic personnel from another state to New Mexico in the past five years.

History: 1953 Comp., § 6-5-32.1, enacted by Laws 1969, ch. 184, § 1; 1979, ch. 72, § 2; 2011 (1st S.S.), ch. 3, § 2.

Application of Preference

A. For the purposes of this section:

(1) "business" means a commercial enterprise carried on for the purpose of selling goods or services, including growing, producing, processing or distributing agricultural products;

(2) "formal bid process" means a competitive sealed bid process;

(3) "formal request for proposals process" means a competitive sealed proposal process, including a competitive sealed qualifications-based proposal process;

(4) "public body" means a department, commission, council, board, committee, institution, legislative body, agency, government corporation, educational institution or official of the executive, legislative or judicial branch of the government of the state or a political subdivision of the state and the agencies, instrumentalities and institutions thereof, including two-year post-secondary educational institutions, school districts, local school boards and all municipalities, including home-rule municipalities;

(5) "**resident** business" means a business that has a valid **resident** business certificate issued by the taxation and revenue department pursuant to Section 13-1-22 NMSA 1978; and

(6) "recycled content goods" means supplies and materials composed twenty-five percent or more of recycled materials; provided that the recycled materials content meets or exceeds the minimum content standards required by bid specifications.

B. When a public body makes a purchase using a formal bid process, the public body shall deem a bid submitted by a **resident** business to be five percent lower than the bid actually submitted.

C. When a public body makes a purchase using a formal request for proposals process:

(1) five percent of the total weight of all the factors used in evaluating the proposals shall be awarded to a **resident** business based on the **resident** business possessing a valid **resident** business certificate; or

(2) if the contract is awarded based on a point-based system, a **resident** business shall be awarded the equivalent of five percent of the total possible points to be awarded based on the **resident** business possessing a valid **resident** business certificate.

D. When a joint bid or joint proposal is submitted by both **resident** and nonresident businesses, the **resident** business **preference** provided pursuant to Subsection B or C of this section shall be reduced in proportion to the percentage of the contract, based on the dollar amount of the goods or services provided under the contract, that will be performed by a nonresident business as specified in the joint bid or proposal.

E. When bids are received for both recycled content goods and non-recycled content goods, the public body shall deem the bids submitted for recycled content goods of equal quality to be five percent lower than the bids actually submitted. A bid calculation pursuant to this subsection for a **resident** business shall not also receive the bid calculation **preference** pursuant to Subsection B of this section.

F. The procedures provided in Sections 13-1-172 through 13-1-183 NMSA 1978 or in an applicable purchasing ordinance apply to a protest to a public body concerning the awarding of a contract in violation of this section.

G. This section shall not apply when the expenditure includes federal funds for a specific purchase.

History: 1978 Comp., § 13-1-21, enacted by Laws 1979, ch. 72, § 1; 1981, ch. 104, § 1; 1988, ch. 84, § 1; 1989, ch. 310, § 1; 1995, ch. 60, § 1; 1997, ch. 1, § 2; 1997, ch. 2, § 2; 1997, ch. 3, § 1; 2000, ch. 41, § 1; 2011 (1st S.S.), ch. 3, § 1.

Resident Veterans Preference Certification

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement:

Please check one box only

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$1M but less than \$5M allowing me the 8% preference discount on this bid or proposal. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$5M allowing me the 7% preference discount on this bid or proposal. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

"I agree to submit a report, or reports, to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

"In conjunction with this procurement and the requirements of this business' application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, when awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.

"I understand that knowingly giving false or misleading information on this report constitutes a crime."

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)*

(Date)

*Must be an authorized signatory for the Business

The representations made in the boxes constitutes a material representation by the business that is subject to protest and may result in denial of an award or unaward of the procurement involved if the statements are proven to be incorrect.
