

Perspective Bidder,

I invite you to submit a bid for the 2020 Rosedale Rapids Aquatic Center Lazy River Pool Painting Project for the City of Fort Dodge. Attached is a plan set that should provide you with the detail you need to submit your bid(s). However, if you need further clarification or more detail, please contact me via email with any questions.

This project consists of cleaning, surface preparation and painting of our lazy river pool. Quantities and product specifications are provided in the attached scope. The City will provide a person to answer any questions or accompany the Contractor on the days in which work is being performed.

If you are interested in submitting a bid, please fill out the bid form that is attached and mail or drop off or email your bid sheet on or before Wednesday, May 27, 2020 at 11:30 am. I will not open any bid envelopes/emails until 11:30 am on 5/27/2020. Mark your envelopes or subject line as "Lazy River Pool Painting Project". We anticipate executing a contract the beginning of June.

Bidders are requested to submit the "Base Bid", "Alternate Bid", OR both bids.

Please reply to this email to confirm receipt.

Thank you,

**Ryan R. Maehl**

Assistant to the City Manager  
City of Fort Dodge, Iowa  
rymaehl@fortdodgeiowa.org  
515.576.4551, ext. 7203

**Mailing Address:**

Fort Dodge City Clerk's Office  
819 1<sup>st</sup> Ave South  
Fort Dodge, IA 50501

**Email Address:**

rymaehl@fortdodgeiowa.org

**Drop Off Address:**

Fort Dodge City Clerk's Office  
819 1<sup>st</sup> Ave South  
Fort Dodge, IA 50501

\*call 515-570-6495 if City Hall remains closed for COVID-19

# LAZY RIVER POOL PAINTING PROJECT - 2020

## LOCATION:

Rosedale Rapids Aquatic Center  
1111 N. 32<sup>nd</sup> Street  
Fort Dodge, IA 50501

## CITY OF FORT DODGE CONTACT:

Ryan R. Maehl  
515-570-6495  
rymaehl@fortdodgeiowa.org

## APPENDIX:

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**Rosedale Rapids Lazy River Pool Painting Bid Sheet**

The City of Fort Dodge Parks and Recreation Department will be accepting "Base Bids" and "Alternate Bids" for the repainting of one of its aquatic center pools. This project will consist of surface preparation, prime, and painting of Rosedale Rapids' Lazy River pool, located at 1111 North 32<sup>nd</sup> Street. The Lazy River has 13,710 ft<sup>2</sup> of paintable surface, which includes the separate plunge pool for the swirl bowl slide.

The project specifications, including products, requirements, and execution are attached. Additionally, a detailed color scheme is listed, as well as a map with square footage of the Lazy River pool.

The selected "Base Bid" recipient is permitted to begin work on or after, September 9, 2020, unless the "Alternate Bid" option is chosen (see below). If the "Alternate Bid" is selected, the recipient is permitted to begin work on or after, June 15, 2020.

Please contact Ryan Maehl with any questions or to schedule a walk through at 515-570-6495 or email at rymaehl@fortdodgeiowa.org.

We propose to complete the Rosedale Rapids Project as specified with the 9-9-2020 start date for:  
\$ \_\_\_\_\_ Signed: \_\_\_\_\_  
Date: \_\_\_\_\_ By (print): \_\_\_\_\_  
Bid Valid Through: \_\_\_\_\_

Company's Contact Information:  
Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**COMPLETION BY NOVEMBER 25, 2020.**

***ALTERNATE BID:***

Summer Painting Project – due to the unknown circumstances with COVID-19 and the Governor's and CDC restrictions, an opportunity may become available for this project. The opportunity that the lazy river may not be utilized throughout the summer. This would provide the bid recipient to complete the project as specified throughout the project description much earlier in the season, EXCEPT with the following changes: **Start Date Monday, June 15, 2020**

We propose to complete the Rosedale Rapids Project as specified with alternate 6-15-2020 start date for:  
\$ \_\_\_\_\_ Signed: \_\_\_\_\_  
Date: \_\_\_\_\_ By (print): \_\_\_\_\_  
Bid Valid Through: \_\_\_\_\_

Company's Contact Information:  
Name: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**COMPLETION BY NOVEMBER 25, 2020.**

The City of Fort Dodge reserves the right to waive compliance with the minor technicalities of these specifications and to reject any or all proposals, or to accept the proposal which is deemed to be in the best interest of the City.

Submit by 11:30 am, Wednesday, May 27, 2020, to the City Clerk's Office. This can be done in person, mail or via email as described thoroughly in the bid letter., Mark envelope or subject line, "Lazy River Pool Painting Project". Any questions refer them to Ryan Maehl, rymaehl@fortdodgeiowa.org.

Please Follow all Social Distancing Protocols If You Choose to Drop Off Your Bid in Person.

# HIGH-PERFORMANCE COATINGS

## 1 PART 1 GENERAL

### 1.01 SECTION INCLUDES

- A. High performance coatings for swimming pools.
- B. Preparation of existing surfaces for re-coating.

### 1.02 REFERENCES

- A. ASTM D 16 - Terminology Relating to Paint, Varnish, Lacquer, and Related Products; 2000.
- B. ASTM D 4263 - Indicating Moisture in Concrete by the Plastic Sheet Method; 1999.
- C. ASTM F 1869 - Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 1998.

### 1.03 DEFINITIONS

- A. Definitions of Painting Terms: ASTM D 16, unless otherwise specified.
- B. Dry Film Thickness (DFT): Thickness of a coat of paint in fully cured state measured in mils (1/1000 inch).

### 1.04 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each coating product to be used, including:
  - 1. Product characteristics.
  - 2. Preparation instructions and recommendations.
  - 3. Primer requirements and recommendations.
  - 4. Storage and handling requirements and recommendations.
  - 5. Application methods.
- B. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and sheens.
- C. Manufacturer Qualifications: Submit manufacturer's certification that coatings comply with specified requirements and are suitable for intended application.
- D. Applicator Qualifications: Submit list of a minimum of 5 completed projects of similar size and complexity to this Work. Include for each project:
  - 1. Project name and location.
  - 2. Name of owner.
  - 3. Name of contractor.
  - 4. Name of architect.
  - 5. Name of coating manufacturer.
  - 6. Approximate area of coatings applied.
  - 7. Date of completion.
- E. Warranty: Submit manufacturer's standard warranty.

### 1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
  - 1. Company specializing in manufacturing the Products specified in this section with minimum five years documented successful experience.
  - 2. Able to demonstrate successful performance on comparable projects.
  - 3. Single Source Responsibility: Coatings and coating application accessories shall be products of a single manufacturer.

- B. Applicator Qualifications:
  - 1. Company specializing in application of Products specified in this section with minimum five years documented experience on projects of similar size and complexity to this Work.
  - 2. Applicator's Personnel: Employ persons trained for application of specified coatings and provide a letter or qualification statement supplied by the paint manufacturer.

#### 1.06 PRE-INSTALLATION MEETING

- A. Convene two weeks before starting work of this section.
- B. Require attendance of parties directly affecting work of this section, including Contractor, Owner, applicator, and manufacturer's representative. Review the following:
  - 1. Environmental requirements.
  - 2. Protection of surfaces not scheduled to be coated.
  - 3. Surface preparation.
  - 4. Application.
  - 5. Repair.
  - 6. Field quality control.
  - 7. Cleaning.
  - 8. Protection of coating systems.
  - 9. One-year inspection.
  - 10. Coordination with other work.

#### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying:
  - 1. Coating or material name.
  - 2. Manufacturer.
  - 3. Color name and number.
  - 4. Batch or lot number.
  - 5. Date of manufacture.
  - 6. Mixing and thinning instructions.
- B. Storage:
  - 1. Store materials in a clean dry area and within temperature range in accordance with manufacturer's instructions.
  - 2. Store products in manufacturer's unopened packaging until ready for installation.
  - 3. Do not use materials beyond manufacturer's shelf life limits.
  - 4. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.
- C. Handling: Protect materials during handling and application to prevent damage or contamination.

#### 1.08 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not apply coatings under environmental conditions outside manufacturer's absolute limits.

#### 1.09 ENVIRONMENTAL REQUIREMENTS

- A. Weather:
  - 1. Air and Surface Temperatures: Prepare surfaces and apply and cure coatings within air and surface temperature range in accordance with manufacturer's instructions.
  - 2. Surface Temperature: Minimum of 5 degrees F (3 degrees C) above dew point.
  - 3. Relative Humidity: Prepare surfaces and apply and cure coatings within relative humidity range in accordance with manufacturer's instructions.

4. Precipitation: Do not prepare surfaces or apply coatings in rain, snow, fog, or mist.
  5. Wind: Do not spray coatings if wind velocity is above manufacturer's limit.
- B. Ventilation: Provide ventilation during coating evaporation stage in confined or enclosed areas in accordance with manufacturer's instructions.
- C. Dust and Contaminants:
1. Schedule coating work to avoid excessive dust and airborne contaminants.
  2. Protect work areas from excessive dust and airborne contaminants during coating application and curing.

## 2 PART 2 PRODUCTS

### 2.01 MANUFACTURERS

- A. Specified Manufacturer: Tnemec Company Incorporated: 6800 Corporate Drive, Kansas City, Missouri 64120-1372; Tel: (800) 863-6321 or (816) 483-3400; Fax (816) 483-3969; www.tnemec.com.

### 2.02 SWIMMING POOLS

- A. Swimming Pools, Immersion - Floors and Walls:
1. System Type: Epoxy.
  2. Surface Preparation: See Part 3 of this section on surface preparation for this procedure.
  3. Primer: Series 66 Hi-Build Epoxoline. At a rate of 200 sq. ft. per gallon.
  4. Intermediate Coat: Series 66 Hi-Build Epoxoline. At a rate of 200 sq.ft. per gallon.
  5. Finish Coat: Series 66 Hi-Build Epoxoline. At a rate of 200 sq. ft. per gallon.
  6. Color: As selected by Owner from manufacturer's standard colors.  
A. Primer Coat AND Finish Coat must be of same color.
- B. Swimming Pools, Immersion - Painted Gutter Surface, Lane Stripes, and Targets:
1. System Type: Epoxy.
  2. Surface Preparation: Same as A (above).
  3. Primer: Series 66 Hi-Build Epoxoline. At a rate of 200 sq. ft. per gallon.
  4. Intermediate Coat: Series 66 Hi-Build Epoxoline. At a rate of 200 sq.ft. per gallon.
  5. Finish Coat: Series 66 Hi-Build Epoxoline. At a rate of 200 sq. ft. per gallon.
  6. Color: As selected by Owner from manufacturer's standard colors.  
A. Primer Coat AND Finish Coat must be of same color.
- C. Non-Skid Surfaces:
1. Paint gutter wall top surfaces, submerged steps, and pool floors 30 inches deep and shallower, and all painted surfaces on pool deck. Mix dry 50 mesh white silica sand in final two coats at a rate of 5 pounds per gallon of paint used.
- D. Note: Series 161 Tneme-Fascure shall be substituted for Series 66 Hi-Build Epoxoline in this section only when temperatures are expected to be below 50 degrees F and above 35 degrees F.

### 2.03 ACCESSORIES

- A. Coating Application Accessories:
1. Accessories required for application of specified coatings in accordance with manufacturer's instructions, including thinners.
  2. Products of coating manufacturer.

### 2.04 MATERIALS - GENERAL REQUIREMENTS

- A. Coatings - General:
1. Unless otherwise indicated, provide factory-mixed coatings. When required, mix coatings to correct consistency in accordance with manufacturer's instructions before application. Do not reduce, thin, or dilute coatings or add materials to coatings unless such procedure is specifically described in manufacturer's product instructions.

2. Supply each coating material in quantity required to complete entire project's work from a single production run.
- B. Primers: Where the manufacturer offers options on primers for a particular substrate, use primer categorized as "best" by the manufacturer.
- C. Coating Application Accessories: Provide all primers, sealers, cleaning agents, cleaning cloths, sanding materials, brushes, rollers, containers, and clean-up materials required.

### 3 PART 3 EXECUTION

#### 3.01 EXAMINATION

- A. Verify that surfaces are ready to receive Work as instructed by the product manufacturer.
- B. Examine areas and conditions under which coating systems are to be applied. Notify Engineer of areas or conditions not acceptable. Do not begin surface preparation or application until unacceptable areas or conditions have been corrected.
- C. Test shop-applied primer for compatibility with subsequent cover materials.

#### 3.02 PROTECTION OF SURFACES NOT SCHEDULED TO BE COATED

- A. Surface Appurtenances: Remove or mask electrical plates, hardware, light fixture trim, escutcheons, fittings, and all items not scheduled to be coated prior to preparing surfaces or finishing.
- B. Protect surrounding areas and surfaces not scheduled to be coated from damage during surface preparation and application of coatings.
- C. Immediately remove coatings that fall on surrounding areas and surfaces not scheduled to be coated.

#### 3.03 PREPARATION OF EXISTING SURFACES FOR RE-COATINGS

- A. Brush Blast Cleaning: Brush blast existing coatings to a clean dry surface, free from oil, grease, and other contaminants by compressed air nozzle blasting, centrifugal wheels, or other specific method to create a uniformly abraded surface similar to fine sandpaper.

#### 3.04 SURFACE PREPARATION OF POOL WALLS AND FLOORS

- A. Remove contaminants that could impair coating performance or appearance by high pressure water blast at a minimum of 3,000 psi at the tip utilizing 3 ounces per gallon TSP (trisodium phosphate).
- B. If contaminants remain it may be necessary to heat the water up to 140 degrees F and repeat procedure.
- C. Rinse with clean water to provide a clean, contaminant free surface.
- D. Allow concrete and mortar to cure for a minimum of 28 days before coating.
- E. Test concrete for moisture in accordance with ASTM D 4263 and ASTM F 1869.

#### 3.05 APPLICATION

- A. Apply coatings in accordance with manufacturer's instructions
- B. Mix and thin coatings, including multi-component materials, in accordance with manufacturer's instructions.
- C. Keep containers closed when not in use to avoid contamination.
- D. Do not use mixed coatings beyond pot life limits.

- E. Use application equipment, tools, pressure settings, and techniques in accordance with manufacturer's instructions.
- F. Uniformly apply coatings at spreading rate required to achieve specified DFT.
- G. Apply coatings to be free of film characteristics or defects that would adversely affect performance or appearance of coating systems.
- H. Stripe paint with brush at critical locations on steel such as welds, corners, and edges using specified primer.

#### 3.06 REPAIR

- A. Materials and Surfaces Not Scheduled To Be Coated: Repair or replace damaged materials and surfaces not scheduled to be coated.
- B. Damaged Coatings: Touch-up or repair damaged coatings. Touch-up of minor damage shall be acceptable where result is not visibly different from adjacent surfaces. Recoat entire surface where touch-up result is visibly different, either in sheen, texture, or color.
- C. Coating Defects: Repair in accordance with manufacturer's instructions coatings that exhibit film characteristics or defects that would adversely affect performance or appearance of coating systems.

#### 3.07 FIELD QUALITY CONTROL

- A. Manufacturer's Field Services: Manufacturer's representative shall provide technical assistance and guidance for surface preparation and application of coating systems.

#### 3.08 CLEANING

- A. Remove temporary coverings and protection of surrounding areas and surfaces.
- B. Clean up all spills and/or leaks on all properties to original status.
- C. Sweep, blow, and vacuum any medium used from all drains, inlets or the like, returning properties to original status.

#### 3.09 PROTECTION OF COATING SYSTEMS

- A. Protect surfaces of coating systems from damage during construction.

**END OF SECTION**



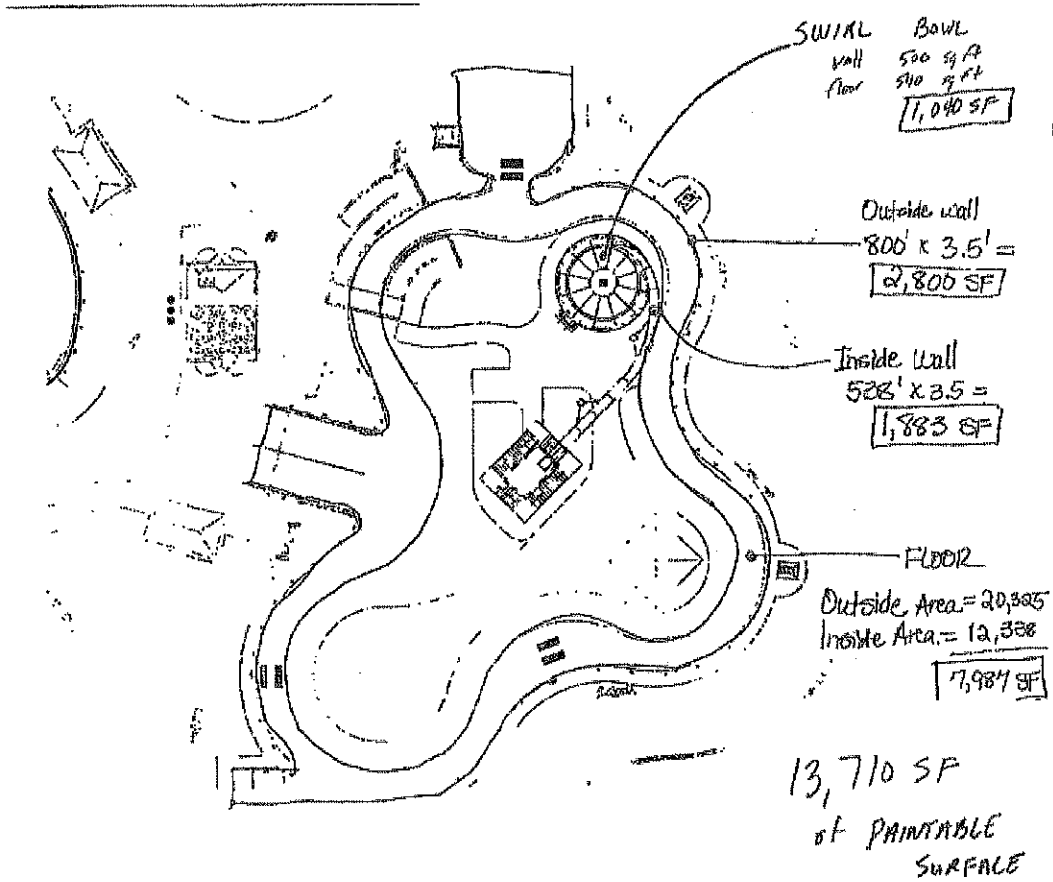
## SPECIFIED PAINT COLORINGS

### 2.02 Section A & B:

AREA	Supplier Information	Common Color Name
Floors	Tnemec 15BL Star	Light Blue
Walls	Tnemec 16BL Star	Light Blue
Pool Gutter (top of walls)	Tnemec 19BL Lyle Blue	Blue
Stripe Around Drain Grates	Tnemec 35 GR Black	Black
Racing Lanes and Targets	Tnemec 35 GR Black	Black
Tread Nose at Steps	Tnemec 35 GR Black	Black
Slope Change Markings	Tnemec 35 GR Black	Black
Diving Area Safety Ledge	Tnemec 35 GR Black	Black
Recessed Top Ledge-Swirl Pool	Tnemec 35 GR Black	Black
Therapy Seat in Rec Pool:		
Top	Tnemec 20BL Splash	Blue
Sides	Tnemec 20BL Splash	Blue
Top Nosing	Tnemec 35GR Black	Black

*\*All the above colors were made in Tnemec series 161 epoxy.*

# LAZY RIVER MAP WITH SURFACE TOTALS



## FACILITY PICTURES



**CONTRACT**

THIS CONTRACT, made and entered this \_\_\_\_ day of \_\_\_\_\_, by and between the City of Fort Dodge by its Mayor, upon order by Approval of its City Council, hereinafter called the "Jurisdiction", and \_\_\_\_\_, hereinafter called the "Contractor".

WITNESSETH:

The Contractor hereby agrees to complete the work comprising the below referenced improvement, entitled, **Lazy River Pool Painting Project**, as described in the bid specification documents, which are officially on file with the Jurisdiction, in the office of the City Clerk of Fort Dodge, Iowa. The work under this contract and the attached bid specifications shall be constructed in accordance with the current Urban Standard Specifications for Public Improvements. The Contractor further agrees to complete the work in strict accordance with this contract and the attached bid specification documents, and to guarantee the work as required by law, for the time required in this contract and the attached bid specification documents, after its acceptance by the Jurisdiction.

This contract and the attached bid specification is awarded and executed for completion of the work specified in this contract and the attached bid specification documents for the bid prices shown on the proposal submitted by Contractor in accordance with the Notice to Bidders for the following described improvements:

**Lazy River Pool Painting Project**  
(A City of Fort Dodge Public Improvement Project)

The Contractor has submitted a proposal, and agrees to perform the work as described and set forth in said plans and specifications, which accurately and fully describe the terms and conditions under which the Contractor is willing to perform said work at the unit prices set forth in said proposal, in consideration of the Jurisdiction's payment of the bid amount of \_\_\_\_\_ dollars (\$ \_\_\_\_\_). The Contractor hereby agrees to commence work under this contract on or before a date to be specified in a written notice to proceed by the Jurisdiction and to fully complete the project **Lazy River Pool Painting Project**, by November 25, 2020; and to pay liquidated damages for noncompliance with said completion provisions at the rate of Two Hundred and Fifty dollars (\$250.00) for each "per calendar" day thereafter that the work remains incomplete.

NOW, THEREFORE, IT IS AGREED:

1. That the City hereby accepts the attached proposal of the Contractor for the work and sums listed therein.
2. That this Contract consists of the following component parts which are made a part of this Agreement and Contract, as fully and absolutely as if they were set out in detail in this Contract, and they shall govern in priority as listed below:
  - a. Addenda Numbers (NONE)
  - b. Standard Specifications (SEE ATTACHED)

- c. Contractor's Proposal (SEE ATTACHED)
- d. This Instrument

- 3. That payments are to be made to the Contractor in accordance with and subject to the provisions embodied in the documents made a part of this Contract.
- 4. That this Contract is executed in Duplicate.

IN WITNESS WHEREOF, the Parties hereto have hereunto set their hands and seals the date first shown written.

JURISDICTION

CONTRACTOR

By

\_\_\_\_\_  
Matt Bemrich, Mayor

\_\_\_\_\_  
Contractor

(Seal)

By

\_\_\_\_\_  
Signature

ATTEST:

\_\_\_\_\_  
Jeff Nemmers, City Clerk

\_\_\_\_\_  
Title

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
Telephone

