ADDENDUM NO. 2
FOR
WADE STADIUM IMPROVEMENTS
PHASE 1: FIELD AND LIGHTING
PROJECT # P14-08-EB
BID # 14-23DS
DULUTH, MINNESOTA
TKDA PROJECT NO. 15609.000

The following interpretations, clarifications, supplements, and changes shall be made to the Bidding and Contract Documents dated July 28, 2014, for the above referenced project. Please attach this Addendum to the Project Manual in your possession.

The bid date of August 15, 2014 at 2:00 p.m., remains unchanged.

A. CLARIFICATIONS

1. The contractor shall submit with the bid a statement indicating the field lighting system that is included in their bid.

2. The contractor shall turn over to the City all signs removed with this project. No new signs are provided as part of this project.

3. All perforated drainage pipe shall be encapsulated in drainage rock in a trench lined with geotextile fabric. Flat drainage piping shall be installed directly over the geotextile fabric in the drainage rock layer and shall drain into the drainage rock at the perforated collector pipes.

4. Lighting contractors will have up until bid opening to submit their proposed systems to TKDA for review, however, it is preferable that lighting systems be submitted as soon as possible to allow the design team the most opportunity to familiarize themselves with the system to determine if the submittal information is complete and the system is acceptable prior to the opening of bids. At the bid opening, only bids meeting the requirements for the lighting system, including the required signed Submittal Checklist (page 26 56 68-7), will be considered.

5. The warranty requirement on the lighting system is reduced from a 25-year warranty to a 10-year warranty.

6. Lead inspection test results are attached in the Appendix. Regarding Note 9 from Addendum #1 Clarifications, dated August 8, 2014, REVISE the note to read as follows, removing wall patching from the contractor’s scope of work:

   “Hazardous materials testing of the existing paint on the outfield wall has revealed a small presence of lead paint. Under separate contract, the wall will be prepared for painting/encapsulating. Said preparation will include all removals required to access the wall, as well as disposal of any loose paint...”
prior to the work scheduled by this project. As such, removal and disposal of the following systems are being fully deleted from the contractor's scope of work: vinyl advertising banners, plywood wall panels and 4x6 wood framing system. Contractor will remain responsible for patching of holes in the existing concrete wall, washing and preparing the wall prior to painting, and the application of an encapsulating paint which shall be tinted to the selected color for the final finish of the wall.”

B. CHANGES TO SPECIFICATIONS

1. Section - Table of Contents
   a. ADD Updated Table of Contents to reflect specification section changes (attached).

2. SPECIFICATION SECTION 09 91 00 – EXTERIOR PAINTING
   a. 1.01. A. ADD “Additionally, these specifications shall cover the complete painting and finishing of the interior (field) side of the existing outfield concrete wall system. Painting shall include a single strip at the location of each of two foul poles, as well as painting of the field dimensions at three locations on the outfield wall, as directed by the Architect.

   b. 2.01 ADD to the MANUFACTURERS the following: “Fiberlock Technologies – Lead Barrier Compound (LBC), for use at existing outfield concrete wall system”.

   c. 2.03 ADD to the COLORS the following:

      D. There shall be one color to match the existing color of the concrete outfield wall.

      E. There shall be one color to match the selected color of the foul poles for vertical striping at the concrete outfield wall.

      F. There shall be one color to be selected for the painting of field dimensions on the concrete outfield wall.

   d. 3.07. D.1. REVISE the SCHEDULE for Concrete from “2 coats P&L Palgard Epoxy Coating Gloss” to read “Fiberlock Lead Barrier Compound to a minimum dry film thickness of 7 mils.”

3. DELETE SPECIFICATION SECTION 09 96 30 – ELASTOMERIC COATING.
4. SPECIFICATION SECTION 11 63 34 – BASEBALL FIELD ACCESSORIES

a. **ADD 2.04 BATTER’S EYE WINDSCREEN MATERIALS & ACCESSORIES**

   Batter’s eye shall consist of Windscreen Material 20’ high x 34’ wide, and accessories including, but not limited to cables and attachments for installation among existing wood poles, as Manufactured and/or Supplied by:

   Sportsfield Specialties, Inc.
   P.O. Box 231
   41155 State Highway 10
   Delhi, NY 13753
   p. 888-975-3343
   f. 607-746-8481
   www.sportsfieldspecialties.com

b. Or Equal.

c. Color shall be selected from full range of manufacturer’s standard colors.

C. **CHANGES TO PLAN SHEETS AND DRAWINGS**

1. PLAN SHEET C2.3 – Change note “Exposed Aggregate Surface” to “Exposed Aggregate Concrete Surface – match adjacent jointing pattern”.

2. PLAN SHEET A0.1 – Remove notes referencing patching of concrete outfield wall, as noted above in the Clarifications section of this Addendum.

D. **ADDENDUM ACKNOWLEDGEMENT**

This Addendum of 3 pages and attachments noted herein shall be acknowledged in the appropriate location on the Bid Form. Failure to acknowledge this Addendum may disqualify your Bid.

**END OF ADDENDUM**
# TABLE OF CONTENTS

## Project: Wade Stadium Improvements – Phase I

- **Project Number:** P14-08-EB
- **Bid Number:** 14-23DS
- **Date:** July 28, 2014

## Project Identification & Certification

- Table of Contents

## BIDDING REQUIREMENTS

- Invitation to Bid
- Instructions to Bidders
- Bid Proposal Form
- Affidavit of Non-Collusion
- Equal Employment Opportunity (EEO) Statement
- IC-134
- Performance Bond
- Payment Bond
- Insurance and Indemnity Requirements

## CONDITIONS OF THE CONTRACT

- General Conditions
- Supplementary General Conditions
- Wage Rates
- Project Labor Agreement Example
- Construction Contract Example

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- 00 01 10 Table Of Contents

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- 01 40 00 Testing

### DIVISION 02 – EXISTING CONDITIONS

- 02 41 19 Selective Demolition *(Revised by Addendum 1)*

### DIVISION 03 – CONCRETE

- 03 10 00 Concrete Formwork
- 03 20 00 Reinforcing Steel
- 03 30 00 Cast-In-Place Concrete

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City of Duluth
Wade Stadium Improvements – Phase I: Field and Lighting
DIVISION 04 – Masonry
04 01 20  Masonry Restoration and Tuckpointing
04 20 00  Unit Masonry

DIVISION 05 – METALS
05 50 00  Metal Fabrications

DIVISION 09 – PAINTING
09 91 00  Exterior Painting (Added by Addendum 1; Revised by Addendum 2)
09 96 30  Elastomeric Coating (Added by Addendum 1; Deleted by Addendum 2)

DIVISION 11 – EQUIPMENT
11 63 33  Baseball Field Equipment (Deleted by Addendum 1)
11 63 34  Baseball Field Accessories (Added by Addendum 1; Revised by Addendum 2)

DIVISION 26 – ELECTRICAL
26 05 19  Low Voltage Electrical Power Conductors and Cables
26 05 26  Grounding And Bonding For Electrical Systems
26 05 29  Hangers And Supports For Electrical Systems
26 05 33  Raceway And Boxes For Electrical Systems
26 05 43  Underground Ducts and Raceways For Electrical Systems
26 05 44  Sleeves and Sleeve Seals For Electrical Raceways and Cabling
26 05 53  Identification For Electrical Systems
26 22 00  Low Voltage Transformers
26 24 16  Panelboards
26 27 26  Wiring Devices
26 56 68  Exterior Athletic Lighting

DIVISION 31 – EARTHWORK
31 10 10  Erosion, Sedimentation, and Pollution Control
31 20 10  Subgrade Correction
31 20 20  Subgrade Preparation
31 20 25  Base Preparation (Added by Addendum 1)
31 20 30  Geotextile Construction – Playing Surface
31 20 40  Geotextile Construction – Erosion Control
31 23 33  Trench Excavation and Backfilling

DIVISION 32 – EXTERIOR IMPROVEMENTS
32 31 15  Chain Link Fences and Gates
32 90 10  Landscaping (Deleted by Addendum 1)
32 90 20  Protection & Restoration of Property (Revise by Addendum 1)

City of Duluth
Wade Stadium Improvements – Phase I: Field and Lighting
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33 40 00  Storm Sewer Construction
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Appendix A
----  Synthetic Turf Drainage
2721  Nyloplast Engineered Surface Drainage Products – 8” to 30”
      Drain Basin Specifications

Appendix B
----  Application for General Stormwater Permit for Construction
      Activity

Soils Boring Test Results (Added by Addendum 1)
Lead Inspection Test Results (Added by Addendum 2)

END OF DOCUMENT
PRE-RENOVATION LEAD INSPECTION REPORT

Wade Stadium
Duluth, Minnesota

TPT#14A0295

Prepared for:

Ms. Tari Rayala
City of Duluth- Architect
1532 West Michigan Street
Duluth, Minnesota 55806

August 11, 2014
August 11, 2014

Ms. Tari Rayala  
City of Duluth- Architect  
1532 West Michigan Street  
Duluth, Minnesota 55806

Re: Pre-Renovation Limited Lead Inspection  
Wade Stadium  
Duluth, Minnesota

Dear Ms. Rayala,

The following is a final report outlining the limited lead inspection conducted at the subject site for renovation purposes. This report contains the following information:

- Introduction  
- Results  
- Recommendations

INTRODUCTION

Twin Ports Testing, Inc. (TPT) was contacted by Ms. Tari Rayala, City of Duluth Architect, to conduct a limited lead inspection at the above mentioned property prior to proposed renovation. The property is located at Wade Stadium in Duluth, Minnesota. On August 7, 2014, Mr. Gary Christner, a Minnesota Department of Health (MDH) Certified Lead Inspector was on-site to test painted materials that potentially contain lead based paint. Copies of the inspectors MDH hard card is included in Appendix A.

RESULTS

Lead

Samples of painted surfaces were tested for lead content on the outfield wall that might be disturbed during proposed renovation. The analysis was first conducted using a NITON XLp-303A X-Ray Fluorescence (XRF) Lead Paint Analyzer, Serial Number 22293. This testing obtained both positive and negative findings so bulk paint samples were collected and sent to EMSL Analytical, Inc. of Minneapolis, Minnesota for confirmation. All of the confirmation paint samples tested were above the (MDH) limit of 0.5% weight for painted surfaces. The following table lists the results of the areas that were sampled for lead and are included for reference as Appendix B.

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Sample Location</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Left Field Wall, bottom, green</td>
<td>4.1%</td>
</tr>
<tr>
<td>2</td>
<td>Center Field Wall, middle, green</td>
<td>3.4%</td>
</tr>
<tr>
<td>3</td>
<td>Right Field Wall, bottom, green</td>
<td>5.1%</td>
</tr>
<tr>
<td>4</td>
<td>Left Field Wall, middle, white</td>
<td>1.0%</td>
</tr>
<tr>
<td>5</td>
<td>Center Field behind Banner, Light green</td>
<td>5.0%</td>
</tr>
</tbody>
</table>
RECOMMENDATIONS

TPT recommends that lead safe work practices be utilized when working with the lead containing paint.

This inspection was conducted according to federal, state and local regulations. If you have any questions regarding this report, please feel free to contact me at (715) 392-7114 (office). Thank you for the opportunity to conduct this work.

Sincerely,

Twin Ports Testing, Inc.

Reported by:

[Signature]
Gary Christner
Industrial Hygiene Technician

8-11-14
Date

Attachments: Appendix A: Inspector Certifications
Appendix B: Lead Paint Chip Results
Appendix A

Inspector Certification
Appendix B

Lead Laboratory Paint Chip Results
Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

<table>
<thead>
<tr>
<th>Client Sample Description</th>
<th>Collected</th>
<th>Analyzed</th>
<th>RDL</th>
<th>Lead Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-1</td>
<td>8/7/2014</td>
<td>8/8/2014</td>
<td>0.25 % wt</td>
<td>4.1 % wt</td>
</tr>
<tr>
<td>351404929-0001</td>
<td>Site: Left Field Wall, Bot., Green</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-2</td>
<td>8/7/2014</td>
<td>8/8/2014</td>
<td>0.25 % wt</td>
<td>3.4 % wt</td>
</tr>
<tr>
<td>351404929-0002</td>
<td>Site: Center Field Wall, Middle, Green</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-3</td>
<td>8/7/2014</td>
<td>8/8/2014</td>
<td>0.25 % wt</td>
<td>5.1 % wt</td>
</tr>
<tr>
<td>351404929-0003</td>
<td>Site: Right Field Wall, Bot, Green</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-4</td>
<td>8/7/2014</td>
<td>8/8/2014</td>
<td>0.25 % wt</td>
<td>1.0 % wt</td>
</tr>
<tr>
<td>351404929-0004</td>
<td>Site: Left Field Wall, White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-5</td>
<td>8/7/2014</td>
<td>8/8/2014</td>
<td>0.25 % wt</td>
<td>5.0 % wt</td>
</tr>
<tr>
<td>351404929-0005</td>
<td>Site: Center Field Behind Banner, Lt. Green</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analysis was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc., Minneapolis, Mn AHA-LAP, LLC–ELLAP Accredited #163162

Initial report from 08/11/2014 09:14:46
**Lead (Pb) Chain of Custody**

**EMSL Order ID (Lab Use Only): **

1929

**Company:** Twin Ports Testing  
**Street:** 1301 North 3rd Street  
**City:** Superior  
**State/Province:** WI  
**Zip/Postal Code:** 54880  
**Country:** United States

**Report To (Name):** Tracy Jacobs  
**Email Address:** tracy.jacobs@twinporstesting.com  
**Project Name/Number:** 14A0295  
**U.S. State Samples Taken:** MN  
**Location:** Wade Stadium

**Third Party Billing requires written authorization from third party**

**EMSL-Bill to:** Different  
**Telephone #:** 715-392-7114  
**Fax #:** 715-392-7163  
**Purchase Order:**  
**Please Provide Results:** FAX  
**CT Samples:** Commercial/Non-taxable  
**Mail:** Residential/Tax Exempt

**Turnaround Time (TAT) Options* - Please Check**

- 3 Hour  
- 6 Hour  
- 24 Hour  
- 48 Hour  
- 72 Hour  
- 96 Hour  
- 1 Week  
- 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

<table>
<thead>
<tr>
<th>Matrix</th>
<th>Method</th>
<th>Instrument</th>
<th>Reporting Limit</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chips</td>
<td>SW846-7000B</td>
<td>Flame Atomic Absorption</td>
<td>0.01%</td>
<td>x</td>
</tr>
<tr>
<td>Air</td>
<td>NIOSH 7082</td>
<td>Flame Atomic Absorption</td>
<td>4 μg/filter</td>
<td></td>
</tr>
<tr>
<td>Wipe*</td>
<td>SW846-7000B</td>
<td>Flame Atomic Absorption</td>
<td>10 μg/wipe</td>
<td></td>
</tr>
<tr>
<td>Soil</td>
<td>SW846-7000B</td>
<td>Flame Atomic Absorption</td>
<td>0.4 mg/L (ppm)</td>
<td></td>
</tr>
<tr>
<td>Soil</td>
<td>SW846-6010B or C</td>
<td>ICP-AES</td>
<td>0.1 mg/L (ppm)</td>
<td></td>
</tr>
<tr>
<td>Soil</td>
<td>SW846-7010</td>
<td>Graphite Furnace AA</td>
<td>0.3 mg/kg (ppm)</td>
<td></td>
</tr>
<tr>
<td>Soil</td>
<td>SW846-6010B or C</td>
<td>ICP-AES</td>
<td>2 mg/kg (ppm)</td>
<td></td>
</tr>
<tr>
<td>Wastewater</td>
<td>SM3111B/846-7000B</td>
<td>Flame Atomic Absorption</td>
<td>0.4 mg/L (ppm)</td>
<td></td>
</tr>
<tr>
<td>Drinking Water</td>
<td>EPA 200.9</td>
<td>Graphite Furnace AA</td>
<td>0.003 mg/L (ppm)</td>
<td></td>
</tr>
<tr>
<td>Drinking Water</td>
<td>EPA 200.7</td>
<td>ICP-AES</td>
<td>0.020 mg/L (ppm)</td>
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<tr>
<td>Drinking Water</td>
<td>EPA 200.9</td>
<td>Graphite Furnace AA</td>
<td>0.003 mg/L (ppm)</td>
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<tr>
<td>Drinking Water</td>
<td>EPA 200.8</td>
<td>ICP-MS</td>
<td>0.001 mg/L (ppm)</td>
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<tr>
<td>TSP/SPM Filter</td>
<td>40 CFR Part 50</td>
<td>ICP-AES</td>
<td>12 μg/filter</td>
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<tr>
<td>TSP/SPM Filter</td>
<td>40 CFR Part 50</td>
<td>Graphite Furnace AA</td>
<td>3.6 μg/filter</td>
<td></td>
</tr>
</tbody>
</table>

**Other:**

**Name of Sampler:** Gary Christians  
**Signature of Sampler:** Gary Christians

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Location</th>
<th>Volume/Area</th>
<th>Date/Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-1</td>
<td>Left Field Wall, but. green</td>
<td></td>
<td>8-7 @ 1430</td>
</tr>
<tr>
<td>L-2</td>
<td>Center Field Wall, middle green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-3</td>
<td>Right Field Wall, but. green</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-4</td>
<td>Left Field Wall, white</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L-5</td>
<td>Center Field behind banner L. green</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Client Sample #s:** L-1 - L-5  
**Total # of Samples:** 5

**Relinquished (Client):** Gary Christians  
**Date:** 8-7-14  
**Time:** 1430

**Received (Lab):** MN/1997-30  
**Date:** 8/8/14  
**Time:** 9:20

**Comments:** 1957 219/1 530