



444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

August 13, 2014

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

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Project Number: P14-08-EB

Bid Number: 14-23DS

Date: July 28, 2014

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City of Duluth

Wade Stadium Improvements – Phase I: Field and Lighting

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Appendix A

---- Synthetic Turf Drainage

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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)

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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

TPT#14A0295

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 2 - Sampled Suspect Lead Containing Paint

Sample #	Sample Location	Results
1	Left Field Wall, bottom, green	4.1%
2	Center Field Wall, middle, green	3.4%
3	Right Field Wall, bottom, green	5.1%
4	Left Field Wall, middle, white	1.0%
5	Center Field behind Banner, Light green	5.0%

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:



Gary Christner
Industrial Hygiene Technician

8-11-14
Date

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

Appendix A
Inspector Certification



LEAD
Risk Assessor

Licensed by:
State of Minnesota
Department of Health

License No. LR3101
Expires 04/14/2015

Gary J Christner
632 N 60th Ave W #2
Duluth, MN 55807

A handwritten signature in black ink, appearing to read 'G. Christner'.

Director, Env. Health Div.

Appendix B

Lead Laboratory Paint Chip Results

**EMSL Analytical, Inc.**

14375 23rd Avenue North, Minneapolis, Mn 55447
 Phone/Fax: (763) 449-4922 / (763) 449-4924
<http://www.EMSL.com> minneapolislab@emsl.com

EMSL Order: 351404929
 CustomerID: TWIN50
 CustomerPO:
 ProjectID:

Attn: **Tracy Jacobs**
Twin Ports Testing, Inc.
1301 North 3rd Street
Superior, WI 54880

Phone: (715) 392-7114
 Fax: (715) 392-7163
 Received: 08/08/14 9:20 AM
 Collected: 8/7/2014

Project: 14A0295 Wade Stadium

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

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

Rachel Travis, Laboratory Manager
 or other approved signatory

*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 analyte 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 AIHA-LAP, unless specifically indicated otherwise.

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



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS • TRAINING

Lead (Pb) Chain of Custody
EMSL Order ID (Lab Use Only):

4929

Minneapolis, MN 55447

PHONE: (763) 449-4922

FAX: (763) 449-4924

Company: Twin Ports Testing		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>		
Street: 1301 North 3rd Street		Third Party Billing requires written authorization from third party		
City: Superior	State/Province: WI	Zip/Postal Code: 54880	Country: United States	
Report To (Name): Tracy Jacobs		Telephone #: 715-392-7114		
Email Address: tracy.jacobs@twinportstesting.com		Fax #: 715-392-7163	Purchase Order:	
Project Name/Number: 14A0295		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail		
U.S. State Samples Taken: (MN) Wade Stadium		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input checked="" type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* <small>ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>
Name of Sampler: Gary Christner		Signature of Sampler: Gary Christner		
Sample #	Location	Volume/Area	Date/Time Sampled	
L-1	Left Field Wall, bot. green		8-7 @ 1430	
L-2	Center Field Wall, Middle, green			
L-3	Right Field Wall, Bot. green			
L-4	Left Field Wall, White			
L-5	Center Field behind banner, Lt. green			
Client Sample #'s: L-1 - L-5		Total # of Samples:	5	
Relinquished (Client):	Gary Christner	Date: 8-7-14	Time: 1430	
Received (Lab):	Mindy Pool FE	Date: 8/8/14	Time: 9:20	
Comments: 7959 2191 1530				