

PUBLIC WORKS & UTILITIES COMMITTEE

13-0595R

RESOLUTION AMENDING CONTRACT 21828 WITH LHB, INC. FOR PROFESSIONAL ENGINEERING SERVICES FOR CONSTRUCTION ADMINISTRATION AND INSPECTION FOR THE FLOOD REPAIRS OF BRIDGE NO. 88547, ARMORY AT CHESTER CREEK, TO INCREASE THE AMOUNT BY \$107,861 FOR A NEW TOTAL OF \$190,762.

CITY PROPOSAL:

RESOLVED, that Contract 21828 with LHB, Inc. for professional engineering services for construction administration and inspection for Flood Repair of Bridge No. 88547, Armory at Chester Creek, be amended to increase the amount by \$107,861 for a new total of \$190,762. This increase is due to the construction engineering phase for the bridge rehabilitation project, and is payable from Disaster Recovery Fund 225, Department/Agency 125 (Finance), Organization 1803 (Roads and Bridges), Object 5303 (Engineering Services), city project no. 1226, S.P. 118-193-002.

Approved:



Department Director

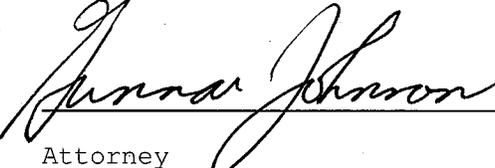
Approved for presentation to council:



Chief Administrative Officer

Purchasing Agent 

Approved as to form:



Attorney

Approved:



Auditor

ENG PTM:jh 11/22/2013

STATEMENT OF PURPOSE: This resolution will authorize an amendment to Contract

21828 for professional engineering services to include construction engineering services for Bridge No. 88547, Armory at Chester Creek. Payable from Disaster Recovery Fund 225, Department/Agency 125 (Finance), Organization 1803 (Roads and Bridges), Object 5303 (Engineering Services), city project no. 1226.

COST ESTIMATE

DU-13-07458

Duluth Armory Bridge No. 88547 SP 118-193-002

LHB, Inc.
Jon Siiter
21 West Superior Street, Suite 500
Duluth, MN 55802-3006

Service Desc: Construction Materials Testing

Work Location: 1624 London Road
Duluth, MN
Estimator : Shaun Sevigny

Description:	Quantity:	Units:	Unit Price:	Extension:
Phase: Construction Materials Testing				
Start Date: 6/13/2013	End Date: 10/13/2013			
Task: Soil Observations & Testing				
Sample pick-up	2.00	Hours	70.00	140.00
	2.00 Trips at	1.00 Hour per Trip		
Compaction Testing, Sand Cones	5.00	Hours	70.00	350.00
	2.00 Trips at	2.50 Hours per Trip		
Sieve analysis through No. 200 Sieve (ASTM C 136, D 1140 or C 117)	1.00	Test	115.00	115.00
Proctor Test (ASTM D 698 or ASTM D 1557)	2.00	Tests	155.00	310.00
Trip charge	4.00	Trips	20.00	80.00
	Soil Observations & Testing Total:			995.00
Task: Concrete Observations & Testing				
Batch Plant Observations	16.00	Hours	80.00	1,280.00
Structural Concrete (3Y43)	3.00 Trips at	4.00 Hours per Trip		
Slabs	1.00 Trip at	4.00 Hours per Trip		
Concrete Testing	20.00	Hours	70.00	1,400.00
Structural Concrete (3Y43)	6.00 Trips at	2.00 Hours per Trip		
Concrete Retaining Wall	1.00 Trip at	2.00 Hours per Trip		
4" Walk	1.00 Trip at	2.00 Hours per Trip		
6" Walk	1.00 Trip at	2.00 Hours per Trip		
8" Concrete Driveway	1.00 Trip at	2.00 Hours per Trip		
Concrete Cylinder Pick up	8.00	Hours	70.00	560.00
	8.00 Trips at	1.00 Hour per Trip		
Sieve analysis through No. 200 Sieve (ASTM C 136, D 1140 or C 117)	8.00	Tests	115.00	920.00
Compressive strength of 4 x 8" concrete cylinders (ASTM C 39), per unit	30.00	Tests	25.00	750.00
Structural Concrete (3Y43)	6.00 Sets of	3.00 Cylinders/Set		
Concrete Retaining Wall	1.00 Set of	3.00 Cylinders/Set		
4" Walk	1.00 Set of	3.00 Cylinders/Set		
6" Walk	1.00 Set of	3.00 Cylinders/Set		
8" Concrete Driveway	1.00 Set of	3.00 Cylinders/Set		
Trip charge	22.00	Trips	20.00	440.00
	Concrete Observations & Testing Total:			5,350.00
Task: Engineering & Project Management				
Project Manager	9.00	Hours	140.00	1,260.00
Project Assistant	4.25	Hours	70.00	297.50
	Engineering & Project Management Total:			1,557.50

COST ESTIMATE

DU-13-07458

Description:	Quantity:	Units:	Unit Price:	Extension:
Construction Materials Testing Total:				7,902.50
Project Total:				7,902.50



1301 N 3rd St • Superior WI 54880 • 715-392-7114 • 800-373-2562 • F 715-392-7163 • www.twinportstesting.com

August 7, 2013

TPT Proposal # 13P-H58

Mr. Joe Litman
LHB, Inc.
21 West Superior Street, Suite 500
Duluth, MN 55802

Re: Asbestos Project Oversight & Air Monitoring
Armory Arts & Music Center
Duluth, Minnesota

Dear Mr. Litman:

Thank you for the opportunity to provide this cost estimate to conduct asbestos project oversight and air monitoring at the Armory Arts & Music Center. This proposal outlines our associated costs based upon working five – eight hour days with an estimated total project time of six weeks. Our costs associated with this project are outlined in the following table:

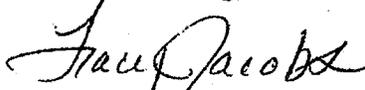
Description	Weekly Rate
Minnesota - Certified Asbestos Site Supervisor	\$4,250.00
Equipment Charge	\$125.00
Total Weekly Rate:	\$ 4,375.00
Estimated cost for a six week timeframe:	\$26,250.00
Final Report Prep:	\$3,400.00
TOTAL ESTIMATED PROJECT COST:	\$29,650.00*

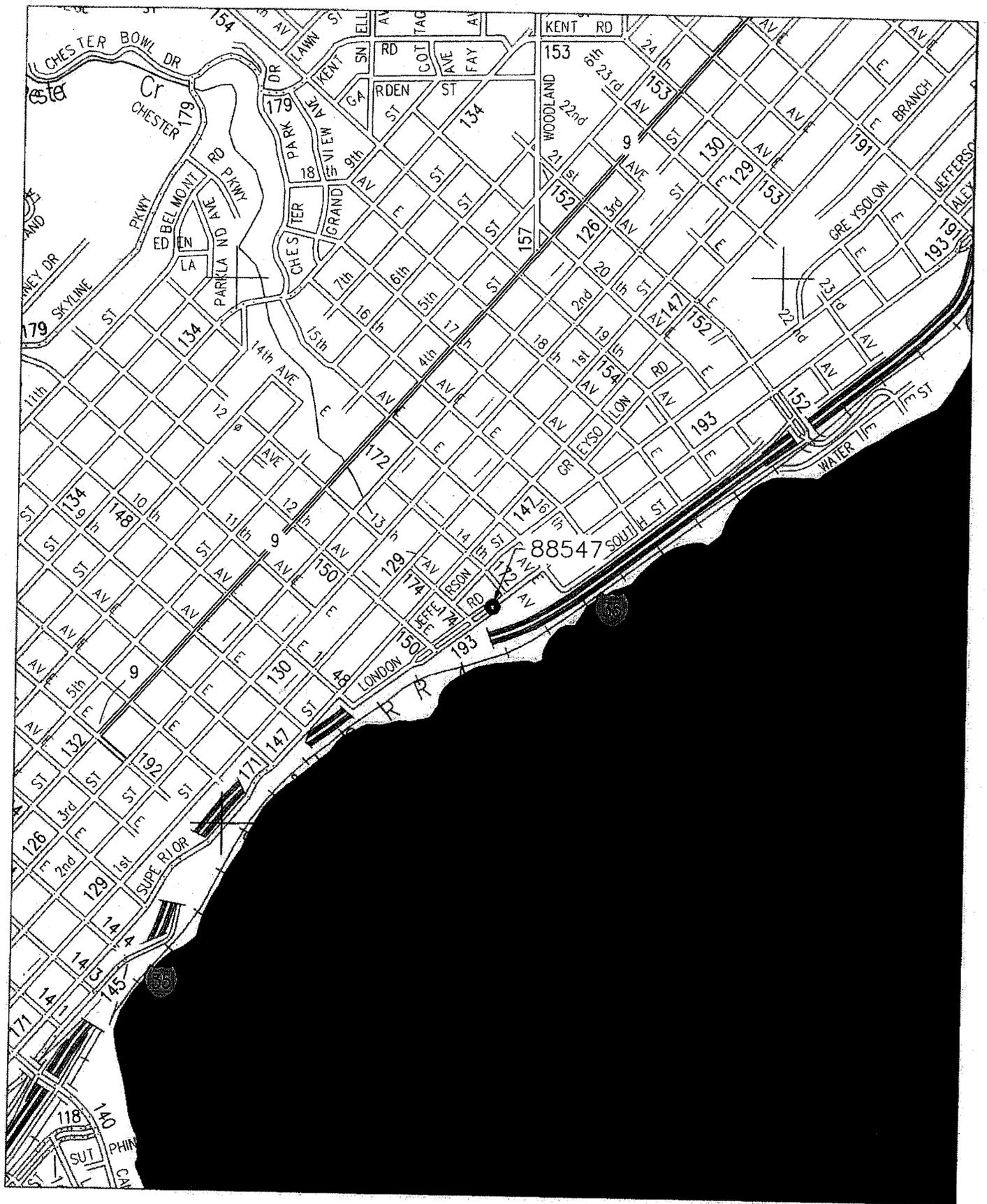
*This total project cost is based on a six week long project. If additional time is spent on-site, an hourly rate of \$85.00/hour will apply or the weekly rate of \$4,375.00, depending on the amount of additional time on-site.

Twin Ports Testing, Inc. appreciates the opportunity to submit this cost estimate and look forward to working with you on the project. If you have any questions regarding this proposal or require additional information, please contact me at 715-392-7114 (office) or (218) 390-0162 (cell).

Sincerely,

Twin Ports Testing, Inc.


Tracy Jacobs, CHMM
Senior Project Manager



JUNE 2012 FLOOD DAMAGE ASSESSMENT
BR. 88547